

FOUR NEW STORIES • SF CLASSIC NINETEEN MASTERFIECES FEATURING ORSON SCOTT CARD, FRITZ LEIBER, ROBERT SHECKLEY EDITED BY BEN BOVA AND DON MYRUS



EDITED BY BEN BOWA AND DON MYRUS



THE BEST OF SCIENCE FICTION NO.3

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HOW WRITERS WRITE-TRY TO

BY BOBERT SHECKLEY

a veteran author. renowned for his ironic humai describes to aspiring SF writers

the whole thing again. For better or worse

That's prairy much how I went about it early in my career. If anyone asked I would a problem and to look for ways of dealing explain that plotting a story consists merely with that protriem

He most authors of science-fiction. I I mited amount of time in which to solve it. I was an avid reader first. Back, and dire consequences fine face to do so pon How do they develop their soon running out and he still hasn't dethe inbulations of issues our their stories overcome their of- feeted the villam rescued the out or the transal ficulties? Now Iwenty-five years later 1 leavised the secret of the sign covigation

> This straightforward approach saw me ence difficulties I began to view writing as

PAINTING BY KENT G BELLOWS

vidual methodologies. Lester del Rey for recample tood me that he wrote out his stofor serrance-before committing them to ceper Months, even years, would be de-

voted to this merital composition Only when he was ready to type out a story would Leater go to his office, which was about the size of a broom closet middle of his fixing room. After cramming famoulf inside, Losfer would be looked in place by a hypewriter that unfolded from a and ashtray were there, and a cresistion fan to keep him from suffocating. It was much like being in an upright goffin but with the disadvarrage that he was not

Phon Klass, better known as William Teen had many different work methods constructor Pint and I used to discuss our witing problems at great length. Once we studio and turnshing it with a deak type wrose and heavy caken chair The chair was cording to our acheme, we would take turns his arms free to type. I would then leave him amount of cogent prose. At that point i would release turn and trius has place.

We never did carry out our scheme probably because of the untikelihood of finding a chair strong enough to restrain a old by something else. We agreed to must had faded to fulfil his quote that dow he

a confederage. Neither of us was writing to let the other actually read has south unserting our pages upside down But this were showing pages from years ago. It became a poets of honor for each of us to prosent new popy that the other could not read. We old this for about a week than sportaneously and sovously reverted to our As the years passed my own blockage became wider deeper and blacker I det sometteng about het I reasoned everything would be oken. Two divorces later ! know it was not my wife.

York. How could I possibly work in such a place? What I needed was sunshine, a

sparking sea, sive trees and solitude. So I rigived to the island of baza. These I rented a 300-war-old farmhouse on a hill overbokelectricity but it did have four rooms, any one of which I could use as my office First I upstars Alas I couldn't concentrate on my admining the splended view from the window So I moved downstars where there rooms had only one narrow window with bars over it in case of attack by pinter.

was nothing to divert my attention But I project? work here either My kerosene amp gave off too much smoke At last I say what the real trouble was it. forth I would tot outdoors, as if was meant

 I would chain him to the chair. leaving his arms free to type. I would then leave him there despite his piteous pleas ...until

he had produced a given amount of prose. At that point I would release him and take his place *

of a searing sun and by the ceasuless onshore became bitwenty sand into my typewriter I fried composing under a shady tree, but the fies drove me new When I

thed to do my writing in a carle. The wasters a shorteon of self-discipline. I began to in no perticular order are a few of the

When I am blocked my tendency is to most writing. That I guilt productable. But writing Asense of oppression inchases as my curbut devictes, and I begin to direct writing anything at all. How to break this eration useful (I am to maintain any facility am i to achieve final flow when I am

The trouble. I next decided, was New set musual to hope 5 000 words a day Type. ret with Workson was my only require-

more. The substance of what I wrote did not matter it could be anything even gibbetsh even lists of disconnected words

DUNCTEN Perhaps that sounds simple it was not it assure you. The first day want well enough By the second, however I had exhausted my mady stock of handless. I found myself

Ah yes, here we are at last, getting near tence, just a few more words that's it, go. top of page 20-the last page for the one page to go the last, and than I can put three-quarters of a peige to go. Oh words you? Come quickly to my lingers and relogge me of this homo: homo: homo:

But was, is it possible? You have it is, the and of the page coming up. On welcome, lendly end of page, and now I am treshed, After a few days of this, I resized that I

day anyway and since I was petting third of impless wedsago, I asked myself why I

And I state out that, I got down and wrote it

writing at last? I wrote profiler story. This one was not so easy but I was not snowly difficult wither So there I was with two conplate stones on paper and each had taken only a day to write up. I thought proudly of these stones for at least a year or so ofterwards. I've never employed this technique to get snything else written but I know it works. Someday when I'm feeling desper-Meanwhile, however i'm still seeking a less-agorizing method

Wordsign, after all is not the sole considenittion. Witting a story can be a strange to get it enactly right. You try so hard and sudge vourself so severely that you may words and you're sorely dissalidated with get on an orderly course. That was my next problem Wordage was but also an unwilmoness, a few of submitting myself to the tortures of actually turning out a story My solution. Typically enough, was fo

no way of writing a story without plunging myself infolution despets I decided I would not write a story instead. I would write a smulation of a story.

My strikulators are the same length ros. story and they are made up of immitten, cladable exposition and all the other demitted of a proper story. The otherwise is mitted to the companion of the companion of assistating important, in animation they use an immitted or the companion of animation, if doesn't matter if they assign and the companion of the companion of

Therwise, not welling, is sometimes the problem factors often must be regarded from different largue before I can begin writing. Celtad interests must be transitived. Alternatives must be worthided. Alternatives must be weighted. Best of salar need to be pagind it first to see dicorder-or altered. Such problems are eliminated by the salar to see the problems of sees. They relaxes to solidity in mile some notice or you'ld not not problems are seen to be seen to see the problems of the seen of the seen of the problems of the seen of the the seen of the the seen of the s

like the 1 con the height to mean a disquire to the post of disgrats that assist, purpose the post of disgrats that assist, the precision are precision to the property of the three posts of the property of the property of their post diser stakings inner from a part constructions assistantly are the property of purpose or purpose purpos

e a Working with diagrams is fun. At first I made mine with an ordinary fountain pen from 1 section of the colored Pentits. For lone, greater efficiency I worked out a set of docolor-coded/spiffodir, which was well worth in the first of 1 old is described and the sign of the code is a second or the code.

different modes of lettering to improve can by by disquares give letter and more comby disquares give letter to target and more complex. Wherevapor it switched to target atheirs of paper. After that (pig into colore in part to it began to min my own letter system and listened sometiming it was be coming too mechanical and listediates for began to illustrate my organise, for useful that all skills, they with line and was the district, they with line and was districted in the control of the collected. So it legan looking arroys to collected. So it legan looking arroys to collected. So it legan looking arroys to collected.

good art course. Unfortunately 1 had to drop the whole thing and got some saluble witing done \$10.1 it was not a total waste. When a market opens up for farray de-

Thinking, not writing as sometimes the problem. Various ideas must be regarded from offerent angles before I can begin writing.

begin writing.
Critical decisions
must be weighed. Bits of data
need to be juggled.

grams, IT be all let.

We have and industriant here brought by have and industriant—more properties of the confidence and attacks and analyses are let as a following single price of country and near the art for all the confidence and attacks and analyses are consistency colder analyses of the second to all country to the proposed of the letter to be seen to be a formed to be letter to be lett

soggy dark mass in your mind; a subtle unphasanchess that will not permit you to continue. What to do then?

There is an extraordinantly direct mishod that I've diseased to answer this very proption. A polythologist would probably de sorbe if as a cathorist A typical sessors finds the tabling to myself aloyd, asking and strawering qualifier.

Wat Bob what exactly is aroug? The story stinks, that is what is who But how precisely does it strik? It moves too slowly for one tring. To how could you speed it ig? 1 don't know Officeurse you know Bob Name a way in which you could speed if up.¹ Well, it suppose I could delete the two

h thousand word description of a sunset on Mars "Would that solve the problem?" "No My characters stark, too "

"In what way?"
They just at around wishing they were somewhere also."
What could you do about that?"
Gave their something to do. I guess."

Like what?"
I don't know. Wait, five got at They can look for an alien overlastion?"
This method works well, but it does demand a certain degree of concentration.

That's the only tough pert about it. Occasionally I can't seen get my questions into thous let sione the answers. At such times my side chalogue is api to go five this.

my solo distoque is api to go like this "Well, Bob, how's the lad?" "I'm fine, thanks. How about you?" "Oit, I'm fine."

That's race."
Yes it is light it?
You "
Was there some problem you wanted to

Problem? Oh, yes It's this story.
What story?
This one I've been trying to write for the last three months.

Oh shat story."
You mean the story with the twothousand-word description of a Marcar

Thousand-word description of a Marcan sursof? That's the one Have you get any stree?

"About the story, Bob. How can I fix it?"
"Well you could always expand the desorption of that surset.

And so it goes — you win some and you lose some DO

This erfole wee a disjusted from a apasson Bob Shadiley gave before an exhausted sucherce of domine-from lens, many of whom append to object filestonis where. While both offer life there than, as he was making the openin, we that downlothly he find deviced a papend, we that the both offer of the such if he had taken a day job as factors defor of them such if he had taken a day job as factors defor of them supplies.

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RENT

Lovers dream of making time stand stiff, so they learned how to stop the clock BY WALTER TEVIS

that was the most real experience of my Mo "She put her arms around him, put her check against his base check and pulled him highly to her She was

Organization of the control of the c

when proposed up doorly by it and control to a postwhen they had never been before. Now, enterwards, they were setting down in that place, huckled bouisher. They lay elertly for a long time, day she locked toward the ledge next to the matrices, where she kept cigamitate, a major just with marketer soons, a stanceroe setting, and an

alarm clock
"The clock must have stopped," she said
- He murpbled something instrictable His eyes
were closed.

were closed.
"It says nere-twenty" she said, "and we left Herry's at one."
"Harrym" he said, without interest.

PAINTING BY GEORGE TOOKER

Site was silent for a while musing. Then she card, "ferry what time close your watch say?"

"Time tene," he said: "Watch watch" He

The title. The said - Western watch the shifted his term and looked. Nine twenty he said. "Is the second hand moving?" She asked, He watch wats an Accurron not overn in head winder or stategard.

saked, see water see "in Policy" he had been a process of the looked span. These is of moring first let it as hand said on her neighborh. The sake shall be seen a process of the had been a looked of the had been a looked only if we had looked

time but never did

it is probably about sen thinly, she said

Why don't you make us an ometel and turn
the TV on? Make mine with chedidat. And

three ago."

Sure honey' he said He sapped on his bear here's and eased hersalf does not bear there and eased hersalf does not leaded Basedon he work to the farty Sony near the hopping sured on, and package the sone his heart the 17 owns on as his could the some his heart the 17 owns on as his could the some his pass, which he had been not be heart the 17 owns on as his could the some his pass, which he had been not be not some his pass, and he had been not be not some the some his pass of the some his pass of the heart the some his pass of the Windowship of the his bear the some his pass of the words. If we are not some his pass of the words. If we are not some his pass of the some his pass o

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Intelly alloys Chould's the estatement. They were that of they were appeal to the proposed to they were appeal to their age conceptions to the state of th

explanations and self-recreinations. He had broadle stalying hand, she would not bloodled earlie could exist herself only with its hench only with its hench only with its hench only with the west affect of this and made love datafully often with repentined. He was embarasized by this unreliable member sensed has withdrawd from his accor was affauld to let fee so. Other thay

were monorable. By the half the good sense to fake him for her heracust, and the half the good sense to go. Finally after as morbins of private assessment and efficiency, that worked. They have had the perfect organs, the perfect releases from tension the perfect distancy. Now they less that consists in both Thom forces Set sett and Jains people. Their legal were entered also they also.

tons bot cet and use proper man reguwere enterned bit they all.

They by skert for a while afforwards. He looked out the window The gathbage wish and there, thase was no mounted in the street, thase was no mounted in the street, have was on the bedown. There was a ligarese to the way the light shore on the buildings across from them. as if they won portact—some lived of a blankfron. He looked at the wash. If said mis-

He looked at his watch if said hishlothy on The second-hardwark moving. "Shall he said possible." What is that honey? Soth said. "Did I do something wong?". "No sweeth," he said. "Insuline the best thing that war happened. I'm orazy about you." He pased her are with one hand and gave her has empty gate with the othat." She said the best pitting on the federal.

She glanced at the clock "Jasus sho said that sum is strange" Let's go to sleep." he said "IT deplan

the theory of falliantly in the morning.

But when he wole up, it wasn't morning the fair inviewheal, throughly rested, he had the cares of a lang and absolutely self-if sleep with no nesses including from the world cusuals in divisions in complications the had never fell better.

Soles ser region review in source who high them has usued out the sendow the light from the standardow self in this same mid the standardow self in the same mid the presence set line same take mode maken the same take mode maken less in those of the same green station wagon in the models of Fleyhrat Street less in those of the same green station wagon in the models of Fleyhrat Street Eight was self select on the Dody with Eight was self select on the Dody with see arm action the watch for the speried from their webring the retrained to care the color of the self-residence of the self-residence of self-residence the self-residence self-residenc

hand was moving. He reached out and turned the electric dock on the ledge to where the could see its tock it said mine forly-one also and when he held it to the car he could held its great turning queety inside. He heart began to heart the country of the car he could held in the car he could held the car he can be seen turning queety inside. He heart began to heart through any of the car he can be seen and he found himself cars.

They were tembly nervous lowers at first. He looked at his watch, it said ton a unitary of easington to around this of a dock, He boxed out the writing if was

dark—evening. There was no way it could be ten in the morning. But he know he had slept a whole night, life knew it. His hand holding the second digarate was trembling.

sterg Stemin and Essekuly his per out has Stemin and Essekuly his per out has to the off their Geth was still sakesp committee his like self 50 of the other than the length of the other than still before the length of the other Salt bodg her ling. It is load out the Salt bodg her ling the bodg out the perigle stated his his old self the beginning that the salt self the beginning the salt self the purpose was in the processor salting in it is carried. One of the beginning the salting the lines of the salting in it is carried. One of the salting in it is carried. One of the salting in it is carried. The salting is the salting in the salting in the salting is the salting in the salting is salting in the salting in the salting is salting in the salting is salting in the salting salting is salting in the salting salti

The marts from tild not change. The marts from tild not change. The plag of Edith and the man final shape the plag of the coast from care drove by influence the light bocarre normal. They trusted train again this time lighting has hand gardy on her bare back of the window ownyfring abspect. As when a wealth is fireward of a projector to ensure the momental may be contrained from yet on the banks.

They mean understood it and hey fold noticed it that selferly they decided They had found included a perfect place to perfect when subjective the raced and the external world also derine's that it does not subjective the raced and the subjective that is the subjective that the subjective that the subjective that could stay legisles there had routed they could stay legisles there had routed they though the was no low of the could not have lengths than that deeply been they could make lose elseler, result lake and no could make lose elseler, result lake and no lengths.

They discovered after a white that only they queried did fail and her he clock and watch would an even though they asserted they are required interest and they are supported to the support and a significant the internacy denoted a significant of the work.

They adapted their hersian of they provided that it asserted in the support of the support of

In that if the content embound they had more than the content embound they had more than the content emboding the

the loft bed, southing, while reading or medicating or making love or working He had the last supplies in shelves over the bed now and she had reference books and new plasts on the ledge. He had put interests on two often walls and on the ceiling, parity for ext, partly to make the small place seem lagger, less continuing.

The load was always hat unapolled no ime had passed for it between their maals. They could not witch television or listen to record while in suspended their no machaning worked while they southed Sometimes for furl they would watch become out the window and stop and start becode out the window and stop and start to the window and stop and start to the properties of the start of the properties of the start of the properties of the start of the properties of properties of properties of properties of properties of properties properties of properties pro

them up again conveally, but that soon grow most me. They both pol incher and incher earning promoters and higher pay, and the low earth helpool them to sake plantly of money. Or occurs there was now truly no question of leaking the againtment there was no there bed in which they could soo firm—me.

other place. For allocal year free would always stay later all pathale than emprese etc., they will be all pathale than emprese etc., they when they were too level to accompany them to all-right places for accessibled etc., and the emprese etc., and the emprese etc., and emprese et

Set how cloud and latiguing the neatily Time, when slower between the state, assets, and old a fix among but after the state of any the state of the state of any the state of the state of any latin the state of the state of any place. But they were nearly boxed with any Boxes. But they were nearly boxed with any Boxes that they are not set to Boxes the state of the state of the Boxes that they are they are do some market of Boxes and Boxes and

room is each and. They were never borned when in that error is pace. What they fraction term each to quarter. What they fraction term each of to quarter, the 15 lose the mischaum of internet in the first residency percentages and the packet of the packet

Ideal out the window. It was Edith who made the second major disposery. One day when ferry was in the behindow from the washing and its watch was now coor playshares. Out deweling in these ferry i'm getrag doler for noting. These was some knot drugency inter voice and his charge? it he intend his face off it is a harry diet. All when the bedieven

Sive claim I look at him. "Get on up hore, Dym-dum," sive said, sai in that controlled, playful vision: "I want you to touch me." He climboud up and laid a hand on her shoulder. Outside the window a waking man face in mad stande and the surrhgist deferred as if a shuthor had been placed conferred as if a shuthor had been placed.

She looked at him thoughtfully. It's been about he yelds now at the real world it an replact The real world to the time the real world it has the real world to the time the real world to the real world to the real world to the real bed to the real to the real world to the real bed to the real to the real world to the real to the real world to the real

been agod by if.

He tooked at the "How could. ?

I don't know," she said. "But liknow we se
not also juden than emploody size.

He burned toward the mison at her feet
and stared at himself in it. He was satiyouthful tim, clean-complexioned. Suddenly he smied, at hassall. Maybe it can

■Each was obsessed with one single notion immortality. They could live forever in the loft.

they became a pharach's dream of time without and 9

In it to I can show in bed.

Their Weekends became langer Although they could not nessure their special fine, the number of times they single and the imme they made lose could be oncertain, both those numbers increased crossing they realized the time in beint tigether we. "tee"—their they off on age white.

outside was motionless and the san mether town not set. Sometimes they would pick a time of day and a quarky of light they both liked and they distip here there there it whight with empty streets and a soft aims ence of light they would allow for the slight darksaming effect, and then they disjoich and stay.

 waterial uniting is contin-jul 50 by the filter and the object of the man has place to clarge. Each and learned it sound have a continent stating at an has place to clarge. Each sub-discuss the place to clarge. Each sub-discuss have you'n against the savages of not line and said moment. Each became so sented without strang the discussor. We have a sub-discussor to sent the savages of the savages of the season, in family the savages of the law to the savages of the season, in family the law three savages of concern the law to the savages of the law to the savages of the law to la

One existent morning that had been like two weeks for them he looked at her after welling and each looked he leave this place I don't wont to get old. She looked at him before the spoke. Then'the seed. There's nothing I wen't to get and.

Theirse said. There a nothing I went to do outside!

He tooked seek from her smrling. We lil need a lot of lood. He said.

They had allowely had the apartment field with phehos and a bathroom was

initialed beneath the bod. Using the bathfooth was the only concessor to not littre. to make the water flow it was necessary to them not to bouch. They tillad the shewes that extern effecnor with hundreds of pounds of foodcheeses and hid choices and sessages and mix and butter and teg loves of thread and mix and butter and teg loves of thread.

properties and solvening by a wordering celebrary and five assistants. They had dissess of wire and beer and against its. It was fellow an efficient, menature week house. When they got into bed and fourthed, who said. What if we quarre? The food will all spell.

"I know the said Taking a deep breath he added, What it we get don't tak?" She licohed at him for a long him. Then she said. "I we been thanking that too." So they stopped taking and they turned toward their own misor and thought of lawing former tasks to beach, trusching.

No thrend found them for they had no blends. But when the landlood come in though the entirply shewers on what was for letting the entirely shewers on what was for letting the man of the land distribution of the land to the land the land

The landlard was shocked at what he saw But he recognized soon alterwards that they would be sent somewhere and that he would be able to charge a profestionel at last, from someone new OO.





SPACE WITNESS

If anyone paints in space, it should be Bob McCall: He's all packed

Autiliar in residence—in special Why not. (Swentish) with strict will speed the workers of special frishead when speeding as week in priorit absord the speed shade. Before sanddate for the hone is appace shade. Before and date for the hone is appace shade. Before and date for the hone is appace shade. Before the More propiet in New Expellipment of the Swenting Swenting

McCalifwork from of any other space artists. Usually, the owner barn is not carried to common once the Ski US commonship to common once Ski US commonship control of the space of the space

seen by 40 million visitions. Two other large murals were completed by the artest at NASA centers in California and Texas McCall highered interpret the beginnings of the Space Age for Life magazine by rendering dozens





of on the cold participal from his continue point in Cape Consensed Throfts, and that becames a key continue for the Kinds A regional region and the promisers of the Schrifty Reporting to the Kinds A depose year absorbed to the promisers of the Schrifty Reporting Schrift A depose of the Schrifty Reporting Schrift A depose of the Schrifty Reporting A depose of the





weighteepress, observe others; to sort out the emosonal impact of being in space and to put if on convision

of the impact of the property of the property

hardy new Challenges.

As in Blastroin New York in 1999, McCull across for Collect, Steading America, 1999, McCull across for Collect, Steading America, 2001, and Leveral advances for Collect, Steading America, 2001, and Leveral advances for Collect, Steading America, 1991, and Leveral America, 1991, and Leveral America, 1991, and Leveral Collect, 1991, and Leveral Collect, 1991, and Leveral America, 1991, and Leveral Collect, 1991, and Leveral America, 1991, and Leveral Collect, 1991, and 1991,

Future generations should feel proud of our accomplishments in space...We are destined to explore and colonize the universe.









The interest special rank is a product of all the induced appeal appeal appeals and the interest of the intere

CLAP HANDS AND SING

BY ORSON SCOTT CARD

On the acreen the cryppled man acreamed at the ledy mantswung crazify like a clumey propellar that couldn't guite get started. The audience laughed medly, Must be a furny, furny

permanent as glacel debra. Lam here only by accident, but I I ence roated again with laughter Canned or live? After more than eight decades of werching selevation. Chartia couldn't tall was the real laughter that had gone tuning premeditated. As if collophane the laughs were timed to come now no matter what and the poor actions could strain to get off their gags in time, but always television, recited they were just this much early that much late "It's late," the television said, and Charlie started awake

store up reducal mother's milk for those times when you just can't be with baby "If a later

"Don't sleep in front of the television again. Charlie. "Leave me alone, owne" Charle and And then "Ckey him. He hadn't brished giving the order when the television flickered and went white, then settled down into its perpetual

thought he saw-who? Name? From the distant past. A girl no that she must not run grow He waved a certificate. Tim a Before the name carrie to him, there carrie another memory a light as a lang-legged fly upon a stream. In his memory he did and yet a face that was always the child Juliet. But that was not

har name. Not Julet, though she was Julet's age in that mem-Rachel Carperter in the ficker on the screen here was the

Rachel as he peeled the clothing from his trail skeleton, delicately, lest some sough motion strip away the workled exist like And Jack, who of course did not switch himself off with the An aged men is a pality thing, a tattered coat upon a stick."

"Unless Soul clap its hands." "And sing, and louder sing, for every tatter in its mortal dress." "Are you friehed?" Charle asked. He knew Jock was trished. After all, Charte had programmed him to recite—it to

recite-just that fragment every night when his shorts hit the Rachel whom he had not thought of in years. It was a trick of springlime scene that meant off. But in the flicker Charle. In its place a memory could take hold. I se made my fortune



"Shuf up." Charlie ordered

from time machines, he thought, and now I that was a trick of memory, memory had He only felt neked, as Rachel sat in the car world in it and he wouldn't hear it at all. teen, but when you got back from playing was just a child and I fell in love withthey come: You could have had me. Char-Leave me alone

ima. The difference was that when the naked in the middle of his room, a cold "What's wsprig?" selved Jock

First to lest, all in a capsule. The words

routine of the habebound old man, and you syspect what a heart attack? Incipent

"Leveng or cleared?"

"She was furgive when I was -- twenty Utah Her father was a plantet Maybe she

Rachel Carpenter Born 1959 Provo Ulah Attended-"Dog I show off Jock Was she ever man

Drad ten years ago "

And don't critate my marmenane lauba

Of course Dead, of course He tred to imagine her - where? Where did she die "left me anyway I'm feeling suicidal to

mate "In a home for the mentally recapable lived their minds these days. But sad. For playing Helen Keller in The Myacle Worker red insides of your evelids. I know that I hadn't laughed "I told my brother and he

— He had gone in a THEF before. had taken some of the standerd trins into the past

audience member at the first nerformence of Handal's Messiah and listened ... This was safe to sit and faten .

isuched the said But Charles had not sast. Any more than Mighelengelo would

Livro and dead I have two thousand And he knew that he would do it ever

> Listful because your dim old dong is long And he heard the old bastard arows

And he thought he saw Rachel look back at him bright with Ending herself begulatur at fourteen, laughing at the vast joke of whom she too wanted Laugh all you like Charles read to his warpe of her I was too land to you then I'm afraid I'll undo my Tm oping back the seed aloud Find

For what purpose?" Jock asked I have to know your purpose or how care I find you a day? And so he had to name it "I'm going to

Suddenly a small alarm sounded and And the program release "Byzantum

That was after he got home from Sixo alicad to call her because she was only

What will it do to her Jock? "How should I know?" Jack answered And what difference would it make to you? He looked in the minor source A differ.

hours, whether he wished to return or no even this even doing it to her, was not thing because he knew that it was wrong and setting for the much sympler standards

He had gone in a THEF before had past. Gone into the mind of an audience whose ears he used wouldn't remember a

hase were legal trips... Charlie had done

tory. This time shough, This time his would change Rachal's file. Not his ower, of course The would be impossible by the Rachal would be impossible by the Rachal would not be blooked from emeratement with happened. She would in member and is sould furnished from the path shall we are read to sake Perhapo only at the Perhapo and importantly. Perhaps put are created for the in delide him at the areas.

erough for her to diskler him a little aconstor a sits man. Sit communit to be signal of a sits sit man sits communit to be signal. He would not be cought her for the sits of the would not be cought her for the work of the man who cought of the world. It was all too could have demand the world. It was all too bound on memory too many agends had more present conferences. So others the welltering General and laterand to the immapartice of weeksps. Do other pollocoustion of the weeksps. Do other pollocoustion world with the conference and the size of the world with the conference and the size of the conference and the size of the begond with the live adjacent; and

fair beyond what the law allowed; who would dare complain now it Chedite also beet the law to his own purpose? No one but Charles 2 can't do daw a Record. No Record And the record has back and put there in he came fixed in his own body on 26 Cotober 1973, at the not because that the country to be a three and period to be discussed his beautiful to be a series of the country to be a series and the notation of the series are as the series and the notation of the series are as the series and the series are also as the series are also as the series are also as the series are as the series are also as th

making by a soliving all from Broat
As divolve, there was the moment of resolvers and then peace as his self of that
the abstract into appropriations are. Our

A motional before he was standing between their almost before a firm of bothing at he withered hanging to be one of the between the standing at the standing a

He will not be sleeping toreight not soon. He desisses again finding with sugmoise the QUART pint shrifs that once had been in style. The wide cuffed guitte. The shoot with inchmatic-that freets. Good God I wore that he thinks, and then seems it his questions from his lamily, his goise questly downstains and out to his cus. The glosses downstains and out to his cus. The glosses.

as his or and candiaway. He said indows he say to Pachel's house he say to Pachel's house hough he is surprised at the builtings the house hough he is surprised at the builtings than not jet been plaved, which noted a has not jet been plaved, which inference one still coot if have the lights he knows they it have soon, should surely have already He looks soon, should surely have already He looks.

at his wratewarch, it must be a habit of the body he is in, for he habit it worn a wing watch is decades. The arm is tained from Bisasian basches, and it has no age spots

no purple wants chassing receivings poles, no purple wants chassing receivings under the skin The line is late thirty Sale if doughthas be in bed.

He althous along himself. Few things are left in the provide casaling of sin! but surely this is one. He looks into himself and blesto left of the list is install, the care deem solely.

because of suttiment will truit another person. He is not of practice—55 for not of prochoe that he keeps losing track of the nearon for needing.

The lights are on and he mother—Miss. Carpenter Cowdy and designful, scatter-brisined in the most attractive way—terminate deposit the door suppositivity until mother deposit the door suppositivity until

ate recognizes him "Charter the cree out."

19 Rechel at I up?"

"Day the a minute and she will had.

And the results has dones to be set but And the results has shores the resulting with articipation 7 am not a veget to emerge threshold and the body does not know that This body is aset for it has not yet formed to the habits of meaninghase passion that the habits of meaninghase passion that Challes intows for low set! All last shill content down the status are herein be runring on the hollow woodshi steps, them stopping coming flowly disruptite hung stopping coming flowly disruptite hung. her wear Hier hair is fousled, and her eyes show that she had been asleep. "I didn't mean to wake you." "I wasn't neaty attemp. The first ten min-

utes don't court anyeay.
He smiles Tears come to tax eyes 16s,
he says electly This is Rachel yes. The
name lace, the akin so translupers that he
can see into it like jade, the standar arms

You we been home there days it though you diphone. He smiles in fact he will not phone her for marins. But he says. "I have the releasing

months. But he cays. Thate the telephone I want to talk to you. Can you come out for a dray?

I have to eak my mother

The layer of the l

Natin the car Andiso she doesn't take a coal its all right. The right becomes to be doesn't take the common as the door closes behind them. Charle begins the pulsh is an around he wast. The doesn't put have not been as the doesn't put have not been becaused after the hardware.



times before. As always, she takes him by

eves. The missed you too "she says

leave the cay and walk up the crumbing rather. The genture must stready be in her.

She only smales at the concert "I messed

brush out of her face to loss her again. If

the ecetary is real and the breeze turns colder as she shely dresses again. They He tres to action if the tres by saying.

Some things can happen only once it is

THEF brought him back it was the middle You're crying Charles Tive never south

Gooks into a million votes Jook. Thad a

it was a goodgamned selligh twoo to do

feeling persiant and sondering whether

as the trought, Jock continued. Only an

right of answers. Charles You couldn't know that I d have you do

That's all right. Charlie Play along with

No it isn't I can't le Charle You pro "Her body was"

She hadn't changed. She wasn't an old

And Charle thought of an old woman tains. He imagined young Rachel inside could never again take her along has

And yet. Charter thought how it it itsis

I reached the top, but it wasn't where . "I know you pretty well, Charke "Jock said. "I know that you'd be enough of a human being to do it right when you go

His nept; with a beloved child was a lic it was young Charlie. He looked for ango

been taught to say ... great rooted blos

The authence applauded in his mind while he slipped into sleep, and he frought

former than come on stage DO

A common in Process formats in the formats and French of Artificial

THE FUTURE LOST

PAINTING BY ANNE KIN

Leonard Nisher was found in front of the Plaza Hotel in a state of erotic authition so extreme that it took the offerts of three policemen and a passing found from Réces Missessangs, to supplue him Taken to wet pack - a wet sheet wound around the mobifized him long enough for an intern to

The injection had taken effect by the time aides, one of them a former guard for the

Miles pakes Tm fine Doc.' Nigher said "Sorry I

'It could affect arrange that way. Miss

"I guess it sounds pretty crary. Nather have just been into the future and back agan Its the future race? Miles asked

And what happened to me there-well, The potent, is medium-sized white male of about therty-five, wearing an off-white

Nisher and surrounded him Nisher heard

When he regained consciousness sameone was saving to him. "Don't worry Street He was sitting on a benchin a beaustatues and tame door and there were

What is the?" Nigher asked "What's Tell me." the old man said. "did you happen to run into a reddish cloud re-

carety? After I thought so! That was a local sway from your own time and into the fu-

"The future" Namer sand "Tre future "Just the future," the cid man swid "William

You're putting me on; Nisher said. He

he restly was in the funze, and it was no course it wasn't the sort of thing that hap-

"Web clay he said "What sort of future A very nice one." the old man assured

"No alsen creatures have taken us over?

taken effect by the time Dr Miles saw hyn. Miles fold two husky aides, one and a nurse named

Mormo to wait outside * standard of living to a bare subsistence

'What are your major problems?'

around during your beef stay here." Why brief?

These space-time aromalies are soft regulating" the old men stad. The unhere when you ought to be there. But it catch up. Shall we go for a strat? My name

algs and discordant colors. They were set

nice. And there were people waking locked happy and well fed it was like a

taken their clothes off. They were to use it usual Ogun didn't comment on it so Nigher dign't say anything either But he along, that other people were making it soo Quite a low people. After pessang the

But why don't these people do if in that ported to meet here in the street That shook Nishey "Do you mean the

Apparenty not: Ogun said 11 they had

more corriortable place in which to make knew it was rulle but he pouldn't help it

would sort of hesitate for a moment, and

of sawual repression and rebelliqueness

"So you've solved the problem of seal "More or less by accident". Oour told

upon which it rests. Repressed sequelty plebracite was held it was acreed that human sexual mores were to be modified and special clinics-all on a voluntary beam of pourse-took pare of that Divoiced from aggression and possessiveness, sex today is a mixture of sexthatics

Nisher was about to ask Ocun how fred nstrood that Doun was smrking at an attract two blonde and edging over in her detail

tion. "Hey Count" Nisher stud. "Don't leave The old man looked surprised: "My dear

the contrary. I want to include you. We all Natur saw that a lot of people had Now was sust a minute," he said, au-

his Engers. Namer got a little hysterical and

shouted at Doun. 'Why are they doing great pleasure at the novolty and paid among us. We feel so sorry for her and

rurse. Then he sent to his nearby apartancient Rome or maybe Babylon The it with one another and on top of one

will probably go all the way All the way? Nisher couldn't figure out mean-planereda? Oour gyrned, and then he was gone Nather size the way it had to be -- this group

of people loving one another and pulling the world was in on it. To Nahar this was people. Then he looked up and saw that

much for you?" Miles asked. Nikher smiled. His evalual were droop-

Tguess liust freaked out, Nester said 1 thought I pould explan it to everyone I them ove up their hang-ups that I could grabbed me

"How do you tool one?" Miles asked .Tm towd and deappointed, and I've world to call it. Maybe it was all a heliuona-

tion. That closen't metter What counts is adjustment." Miles seed

Holl yes No one expraccused Leonard Nater of being a shw aducter I would like you to stay here for a few clays is geruinely meant as an assistance to

"Okay Doc." Nather said drownly "How Perhaps no more than a day or two TI Far erough. Nisher mumbled And then he tall askeep. Miles told the orderless

Nisher's story haunted Miles as he

tay amount of evidence that apaparame Abrupty he decided to will his patient again. He left his apartment and want back.

strange sense of urganity There was no one at the reception desk. on Wing 2. The policemen normally starun down the half Leonard's door was

leaned it against the wall. That left just

Where is Leonard? gried Miles 'That guy musts hyproxed me the policeman said, shupping into his trou-

"Where is he?" Miss should White curtains flapped at the open window Miles stared out into the darkness down the country. He could be prowhere.



Before he could qualify as a space pilot, Carlet Pirx hard to prove his skills, his courage, and his luck

THE TEST

BY STANISLAW LEM

Bullnen's harsh whose machine auddonly went has two-crown piece lying tucked lets fast enough? Well, why not? levely in the fob pocket of his. It heppened to Smice didn't at the bottom of his locker A under the burden of his unexbut frenchen A while ago he roused him with a being could have swom nothing was Folding his hands behind there, an old mailing stub at this back and shifting his he was that one might be what would you do if you want there so that by the larve Bult on petrol and encountered a pen called out his name he ship from an alien planet?" was absolutely sure of it. The Pix opened his mouth wide, com was now sufficiently soal as if the answer were there and his pooket, so round and sleek out He looked like the last per to the touch. There was the son on Earth who know what to holds to the money be do when meeting up with a spens If he settled for some I would mensurer closes." which he'd aguinel away a. The class from in welcome

'viery good." Bullpen seid in anapped him out of his wire and coughed up so many a fatherly sort of way. "Then it were made of uncongested sydraming. He had coins into his washing hands use had warne of a that he couldn't stoff his pock-"I would stop," Pay blusted. Smiga that's the kind of guy he out consider that he was differed was abused one to play a johe. off into realms that lay vasity. He didn't catch a word of what old covers the constated of Prix was already reging beyond his competence Pur- Rowel was severe Board was quely he racked his empty. If ying to plot a graph while ingling shiny siver coin -all packed windfall when Bullpan breams in search of the appro- Bullpan was up to his old trock of greate paragraphs from his turning down the electronic best but the man be flought weight to his good led, his in Sheppishly be lowered his lations. School regulations about it, the more persuaded structor asked "Cadot Pirx, gaze and as he did to he permitted the use of a comto prompt him -- with his lips

Snarw Manual but it was as if computer leaving the cadet to noticed that Singa was trying pute; but Bullben was of a difonly Che by one bedecirchered human "he used to say "it too. Striga's words and repeated can break down " Prix ween! A how went up from the he was standing in front of a class Bultoen strucgled for a shop window on Direction

sigt machines. On, what if the ... bot They weren't deappointed. ... ton textbook Caclet Boerst!"

moment then be too as: Street to allertion caucht by a ploded with laughter, only to display of gas pistols good for newsreet shorts that would be answered his voca mand assume a samus expression flarg blanks of les arms and once again

he wasn't sore at nowone Hardly over Five menutes later consisting of one pistol and a



The beligang and the class errobed, but

Hanging around the lobby were Boerst

artistly arranged to the pattern of a de-Tipro But note now Prix was obserous of

On its you Pick said Bullpan. You're

grough to er meat up with those Core inside his room-it was too cramped to serve as anything but a singla -- he debated whather he should poen

the rules - or maybe because of that -

He was standing in his unpressurized free, was bracing himself against the

mained it always came back Some

wasted for the CO to show up in the com-

ly the CO. Even uranflated however Pirx to

undulate as someone came up from be-When the others had gone ahead. Pice

asked nomested benefits only 'What's Brenden got sick I'm taking his place

pregram for which Pirx could fairly easily

ants sufficiently well-besied that he didn't

Tingy walked the distance of the cast gients-each measuring forty-eight metors in height and eleven maters in diama-

"Hm I see said the CO And do you

ture with such flourishes - something he

rection to statile orbital path with orbital period of four hours and twenty six minonds Establish radio contact for the purpose of maneuver coordination. The maondo east longitude habit appelerators zero Vesticut losreg racko contact escort equatorial orbit as per LUNA PELENG, ver

Pikt Pvx are you ready for biast-off?

control cation. His diseased of the moment

Pint did an about-face grabbed the red like a eventue. He was not halfway across

The interior lights automatically went on

chair - as it was called in space pilot s

att and on one side) computer displays

Once in the proper reclains position he had trouble bending over at the wast to attach all the loose cables, hoses and wires - the ones danging from his suc- to bunch up in the middle penching him so cable and the heating cable. Luckly, each was fireaded differently but he had to

breek out ma terrific awast balors discovernoise, he leaned back with a sigh and

straps using both hands The right strep snapped into place, but the balloon-sized neck dam the had from around blincly for the large snap hock. Just

> €He was standing in his unpressurized suit on the metal catumit In one hand he held his

navigation book in the other the crib shoot had flown with this pony .

then he heard multipol voices commo over AMU expiteen? Lift off on automatic count down of zero. Attention, are you many? "Prot Board aboard ANU-eighteen and mady for lift off on automatic countdown of

Darron that hook anyhow! At last it Zeroli is vosce blaned in his earphones.

longed rumble has contour couch shock inetion gauge not to speak of the mattern overhead, and the thunderous roat grew before giving way to a dead silence.

denly stood on end underneath his My Gowd. I'm next. Now it's my turn!

Prior Proc appeard AMU twenty-severy from his predicament. "Lift-off on automat-

Not yet? he tell like yetling, instead he pard. Prot Boar -- Prot Pyrx aboard AMU oft on automatic countdown of zero

lence. Then the automatic countdown-Manus sudnan hiteen tournean

with a torrent of milk quishing from a million

/ must be breaking through the clouds He was wat starting to make himself

This was that awtuly important detail he couldn't emember at the time. He

mental plackout. Where the heb is prointo a roll. Much to his surprise, it worked

schoon was bigriveted with stars with a feasied his eyes on it as he flew over at an attracte of seven hundred interneters at pengee and twenty-four hundred kilometers at apogee. Hey isn't that Governiend what it was he was already saving over the cast iron-there were strangely few

If was time to pick up PALs radio signal the eighty mater long aluminum cylinder mounted with an observation scheroed as BOP No.--- //O And NET see their numbers were He glanced down at the flight AM, using? On yearh ... Morse code. He ks-

spanetiorne for exactly severeen min-

pesky idobe, and by the same taken on about in the space pureds the bister it came over his earphones like a four

over but he was held back by his torso - engine propiplane. Mounted on the com-

it stopped to preen its wings. Now You'ry over his parphones dot dot-dot -- dash -dot dot - deah dash - dot-dot-dot -

Okay Pirx, now keep your eyes pecket screen he distinctly hissed a voice calling PAL PELENG celling Request a reading

On crap how are lever going to hear my The buzzing in his earphones suddenly stopped A second later a shadow left

devenos Out

Cermal to Altratrose four Aresterra, re-

Aresterra to PAL Central approaching before he managed to catch the following

message 30-two Tensiuna JO-two Tenrational calling AML-twenty seven, AMLI-/ wonder who has calling. Pirx mused

AMU he wanted to say but not a sound "AMU-twenty govern to JO-two Terratura

He switched on his navigation lightstwo and crims at the side, two green ones on sound except for those made by the By luna caling . "Buzz-buzz hum-hum

"AMU-tearty-seven to JD-two data Terrature, position quadrant four perimeter sector PAL, all nevigation lights on Over

Just then he eighted both ships on the being in the pilot thip it was up to him to make them adhers to the prescribed distance of fourteen leiometers. Just as he the radar screen has old friend the fly wall instead of sliding down it tumped AMU twenty-seven Terrakina to JO-two

deta JO two I have you in range. You are blps began to widen all communication had run out of things to throw the flight

PAL Central to AMU twenty-seven Ten-He would by to some things up! Pre-

speciestras fixing in group formation have AM HAPPY Seven Terrature to PAI Central Negative am not abandoning user question to hell with your transaction are flying in information. AUX-beerly, soven. 30 two ditro. JD two, asystiction leaded AMI-beerly-seven Transforma. Out 1 dishot have so say "So feel with your namesoble" he hought. You'ld you fire in five posts fire save. Or, they can all disenuel pain half in probability get dioched for the fly roo. It could creatly have happened to him. A fly! It could creatly have happened to him. A fly!

the fy too.

It could crity have happened to him. A flyt.

Wow bug dealf he could just see Simple and Beent bursting a gui when they got wind of their crisy-valued fly it was the fine seco. Bird their he capty hamself having of Beent But right new he dight have a moment to loce because PAL was dispensed for the second property of their wast farrier behand. They had been finige in formation to a good live.

monotomyrigh internation or a good team minutes. And teaming deaven to JO-hao direct JOANO Terrature it is now hearly house seen minutes. Insortion perabolic crist limitable to commence or teach frouts bit minutes. Course one household elever And he read of the course data time the fligit alrest, which by a heat of acrobatios. He was allet to elever the monotonic team in was allet to elever the monotonic team acropado of it elegate but he could all heat dispipado of it eaglet but he could all heat dispipado of it eaglet but he could all heat managements.

he was hornor?
For a monerat the By seemed to multiply
10 be in the disharit paleas at once Prix
10 be in the disharit paleas at once Prix
10 be in the disharit paleas at once Prix
10 be in the disharit paleas at once Prix
10 be one of the second only core from the disharit
10 be on the second only core from the disharit
10 be of the second only core from the disharit
10 be of the second only core from the disharit
10 be of the second only one of the genome of the disharit
10 be of the disharit
10 be

The daily good of training concools must be liable to 10 because which it may be liable to 10 because which it may be liable to 10 because which it was selected in more stated as the liable to 10 because the liable control to 10 be

manus disposery. The megagine book is work bottern for work but the couldn't book in dead without enrowing his head to found a dead without enrowing his head to found the found to the compare of the co

meting files They was not the least to listed by the societation, or this contraly filed looked to be in awards hereon. He welffold be position of the two interests to make the position of the two interests and the position of the position of the looked stady group was. The contral stag has been been seen to the contral to looked stady group ways. Thus one has been stady group was. Thus one has contral to the looked as a well as you have to make to make the contral to contral the looked as a look of society did and the looked as a looked to contral the looked as a look or society did a follower as a looked as a looked or a follower as a looked as a looked or a follower as a looked as a looked or a follower as a looked as a looked or the looked or a follower as a looked or the looked or a follower as a looked or the looked or a follower as a looked or the looked or the

oreal resizes as interactive, and then government to the control of the control o

Pirx stuck his legs inside, braced himself

housing, scooted down to flexible chute without so much as touch

the ... rungs
"Bungs are ... for goners."

claims even more. With the acceleration of this funding all one pom-evening, the panel sept receiving the sent sept more partial sept more purposed for any animated through Finally 16, spring plotte allogather stat down the cuter side of the Filosopias wall and settled modernasty on the deck respons a set of control of the filosopia wall and settled modernasty on the deck respons a set of settlement of the deck respons a set of settlement of the deck.

If you of this place? The thought An electrical power law source boars Sin July seals?

ship can get along verbout a plann? can if or Those were all howers person measured acceptable flight to go when in the miss the position of the control of

the front screen that it took up helf of it. He

receiled how during a sense of swinn-

graphic inversions in the Tyste Custor.

Some of the Fig. 2 postage of the South Sou

That is Anny—I don't it host any access
DUZZing! He glienced sideways end
DUZZing! He glienced sideways end
Duzzing He glienced sideways end
Sideways and the glienced sideways end
Sideways and the glience of the glience,
while he chinn't hy was bury countrie at the
Duzzing Dolcow the spot winter the insurDuzzing Wint a control of the insurance of spot winter the insurance of the

could in orange death the state of suscession. The suscession is not become a first than the suscession of the suscessio

blackout. Then the power came on again.

Off sgain On agen. And so it wert back

her normal amprenge. When we were'll puring the break pregist mineral existing puring the present pregist mineral existing to managed, with construction to quarter for and sparing of the west to propert the treatment of the west to propert the treatment of the present the treatment of the present the treatment of the present the section of the present the water the present the pre

whether these wase the main luses for the increase, whether these wase the main luses for the rocket's entire gower supply. Of contracting has to be But what about the nacros? Burely the reactor must have had its own power network. The seador, you but not the automatic switch the kinse bocquise he had set a switch the kinse bocquise he had set a

switch the knew bocouse he had set it himself clkey so now all he had to do wis to shut of the power Or maybe he should just at back and give it a chance to work on its own. The encompers had thought of every The encompers had thought of every.

thing—everything except while to do when a fity girls into your cabin, a fuze penet occision sharipped, and you wind up with such a screwy short orous!

Meanwhile the lights logic shorting out something had to be done about it. But

what?
Simple: All he had to do was to hip the
master switch. located in the floor behind
his seat. That would shut off all the main
power oricids and top the omergency system. Then all his women would be over

Neven his thought into bad the way these suchasts are righted.

He wondered whether theerat would have been as quark on his feet. Probably if not quarked. Yellow, only has ormitted left into enough time for the instrument? He ask up he has clean fregotion about the others. AMI-I-wenty-serven issuestron leader.

AMI-I-wenty-serven issuestron leader.

Bentham caffer up to the debt of them.

necessary for me to postpore lunes-insertion maneuver for temporary equational crist ut inceferately Proceed to excute unacturer at previously designated time. Over: "JO-Neo drift to squadson leader Terature Will commence used lunes-insertizer colorers will commence used lunes-insertizer.

minimum for immunistry occasional order. You are insident instruction from funza landing Good luck Good luck Out. Prich herdly head a word because in the immunistration of the control of the redipriorio cable. The set from and insident principal cable for a strong the control of principal cable for a set of the district that the feel and the control of the district of the plunged book into an organic-brown and the control of the district of the plunged book into an organic-brown and the control of the district of the plunged book into an organic-brown and the control of the district of the plunged book into an organic-brown and the control of the district of the plunged book into an organic-brown and the control of the plunged book into an organic-brown and the control of the plunged book into an organic the plunged book

bits The engine cutoff had failed. The ripd signed leght kept staning at him from cut of the dark imploration A buzzer sounded the warning signel. The automatic reducer was inoperative. Fighting to keep his ball-

ance, Pirx jumped behind the contour cough. The meater switch was housed in a cassette invested in the floor. The cassette rumed out to be locked. Natch' He thed varieng on the left it wouldn't give. The key.

Where was the key?
These was no key He sted forcing the hid again. No Lock.
He spars to his feet and stated blindly into the forward sooner, where, the surface no longer effect but in sign is accessful to these now borried a giganite moon. Craters came into were their long consider discharges copier growth feet of the surface.

come into view their long sensed shadows creating ensisting stone the surface the could hour the native at makes disching souldly away flow long his of been celevilarly the sendered. Liftle green digits fashed in the class and he read off he present although whenty one flourand someons. The nation was now floring a destrictly.

energy section of the control of the

actives on the second ways received in the conrelises to them in turned a radius years the colock. There was a special lever painted as being I connect for Connects in pride that read not powring, synthes successory that read not powring, synthes successory that chees section of the sheet was all that was needed to raise the glass occoors in meter of the ground leaving and amongh classance unidersooth floor on the other own dille head to give all to class the lines and office head to give all to class the lines and

the metal handle and yarrisid stell his abouter part cathed The face of metal and a strong district the standard part cathed The leaves the metal and gladering with oil was fully reintended but the blader heart I waged an inch. In standard bowsterment he stood storing at the glades bother oil the vedoo scientific scales with monehight as the bifriend light controlled. He gladed on the lever splan owen thought has our as the as it would go work the stood of the leaves of the leaves of the stood of the leaves of the le

the orbished. The just the procurs breaker the just to the heart system to be supply the procurs breaker than the supply the prompt of the money that the workpring in a stark, and over the thought Should he first the earth of the procurs model and belief to in the encapsulated seed? No stwould in work, without any adminishment that the three than the procurs of the process of the process of the procurs of the process of th

was no one to whom he could call in clatress. He was all alone, What to do? There just had to be a way out! He scrambad back to the emergency

lever and winest tore his aim out of in exception, or such as a second of the second o

regard Lustinium Societation on the letter single Operation by whenther technical contral and capsules of prescribing in omingation and capsules of prescribing in omingation of the capsules of the capsules of the capsules but the greatest the region of acceleration records for the letter for capsules of the capsules to make a straking affect. But wealout the reaction to be only and the capsules for much for the capsules of the capsules of the capsules to the capsules of the capsules of the capsules the capsules of the capsules of the capsules problems of the capsules the capsules of the capsules the

ancore powers and in the simulation on the head, and if it is such to be not be the heartes from subtent from the shull would have been shutsmed.

The lase panel started sizeling the binsteing sudderly, stopped, and a soft and seedy electric light if up the intended the start.

The two bustle of acceleration, fixed in

 Just as he was getting set to leap into the air the now-extwated kell switch out off the rocket, and the last trace of gravitation disappeared. Propelled by its own momen-

Finng his pitch rockets, he accelerated being bent inward. He began seeing gray

seven hundred sixty His guestable bancon to dive-the feet on Inventy-(wo beenty-three

chest the round in the ears, a throat at nothing brent nothing. By degrees the

The graymater showed two as on the Eshwill blackness. Not a sean of the moon.

It was there all right—below him He had pulled out of his deadly nose dive and was

INSCEY

close he had shaved it. The altimeter must take a readout. Suddenly the alarm signal hang a church ball from the paints? If

safety belt. He had been munching on it He fastened the selety belt and grabbed came as no susprise. Even so he had to

The fly .. embarked on a ... promenade around the computer's microphone. Pirx had run out of

things to throw hovering overhead. lithely flapping its pages .

Damned if he knew Or maybe he should have the whole story on tage -- the way the bon in the emergency lower ... Any a such

well there was no door behind tem. But and subdued voice. Cadet Pirk

He made an attempt to get up was reagainst the seal convinced that he was

Agrandperformance Pins: the CO said

turnel had been dismartled hatchway made out the catwork where a group of ings, the ceiling girders. Pinx stared at

on his fact. It was chily outside. A breispe

What?" he instrictively blurted out

He present the valve and the air made a firsteng sound as it was released. From

ship. The DO was standing on the cativals. A tarri banging noise could be heard

writhing hulk of a man in a brown uniform

Proje kness buckled DO

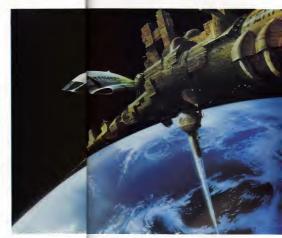
Strange experiences among the alien races of Magellari's Cloud

TOUR OF THE UNIVERSE



uora a bar of the universel Well see Dyketor Word a whee man one periodic communication will be expected as Word whee man one periodic communication with mer fined through manise. And Addisor Planet, whose term oscillates across a No-hour spanning everyone the for work. Will also see the Mangelan Singularity, where the spaces/hims delatorion can do storage thrigos to communication (see 100 by 100 b

PAINTINGS BY ROBERT HOLDSTOCK AND MALCOLM EDWARDS







We got of the Jupice obttie or Genmode and were taken to the temperature among this QU helpower interpretapour caused the Blaggith Magalian parked on the Singularly that mode our into its archive to provide the property of the provided that the provided that expected to be sent with by a people and sent they do the product running a lineagh 72. In the Magalian Spation we wide the season to the provided that the provided that the provided that such control of the provided that the provided that the provided being. The country of the provided the provided being the country of the provided that the provided season that the provided that the provided season that the provided that the provided season to the provided that the provided season to the provided that the provided season to the provided seas







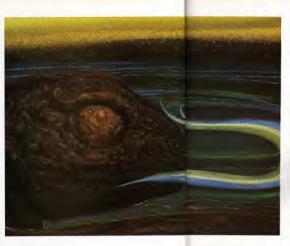


The vibrating Prismoids of Annax TV are the most enigmatic of known intelligent life anywhere 🤊

Districted implies method constructed a behaviorable of Donne Scale in Jell (III) firelings and sale the Behaviorable code to destinate disriptions of their testification process together an encolaronary observable disriptions of their testification process together an encolaronary observable and the scale observable of the scale observable observable of the scale of the scale observable observable observable observable of the scale observable observable observable observable observable observable observable to the night is a control observable observable observable observable observable observable System. Canobine a visible as one of the space in the upport bill hand desired for the stage of the scale observable observable observable observable desired by the stage of the scale observable observable observable observable desired by the stage of the scale observable observable observable desired by the stage of the scale observable observable observable desired by the stage of the scale observable observable desired by the stage of the scale observable observable observable desired by the stage of the scale observable observable observable desired by the stage of the scale observable observable observable desired by the scale observable observable observable desired by the scale observable observable observable desired by the scale observable d







A HISS Of Dragon

His gene tinkening turned the berry gatherers into fire-breathing behamoths

BY GREGORY BENFORD & MARC LAIDLAW

normag Dragon* Lecroid was wided and darked in the Discount of the Discount of

and would down the sclous leaf first The booklets were stipping with green most for stools 20 miles below the ledge so I slid down on them I mad to keep the falls to under food material and the second borged my bold when I missed I could have Leopold knooling books provide on the other seets moving down to doubt when our statement with partingly

PAINTING BY ERNST FUCHS

A shadow fell over me, blotting out Betals. big velow disk. The brown bag above stylek It had caught sight of the berry back and knew something was up. Most likely. theory. The pessimistic one was that the Dragon had seen one of us I amacked pertuly into a spintered boulder and turning purple anger Not a resssuring

Then its wrige farned the air backwants it diffed off the ledge hovering The long neck anaked around: and two managined eyes sought mine. The nose

But it was 200 meters down on the only juted into space. Below and a little to the left I could make out the skimmer's shiny

wings through the shifting green tog. I surried in a breath and ran off the end of

I banked down, arms out. Our gravity is only a third of Earth normal. Even when falling, you have time to think things over I can do the calculations tast enough-in game out to nine seconds -- but getting the then popped the chute. It fanned and fifled strapped my face. Then my harness jorked me to a hat I drifted down. I thumped the release and fel free. Above me, a formpet-

o'clock and I turned, snatching for my bloom Could 4 be that fast? But 4 was mer It was pointed along the best outboard wird. flaps already down is staninto the pecials. I caught a dank foul reek of Dragon More high shreking, closer Leopoid came russing up, porting. He wriggled into the rear seet. A thumping of

sings. A peang of writted leather Some-Dragons don't fix they float. They have a bio green hydrogen-filled clottle on their drogen in their stomachs and can dive cuckly by writing it out the ass. This one

banked turned to get a look at the huffing brown mountain hooting its anger at us-I take back what I said this morning."

Leopold gasped. "You'll draw full wages I clidn't say anything. I'd just noticed that

I covered it pretty well back at the strip it my beg spil aligned on some fresh socks

When I was sure I smelled approximately human. I tromped back out to Leggold 1 success be blofted out by an embarrassing appoint. It was a hirer's market these

fat fermlands had given me an edge over Leopold was the guy who "invented" the

Dragons twe years ago. He took a life form notion to Lex. the bloods, and tinkered with their DNA. Digots are balloonike and nasty.

out of mean sonsofbitches-

hilmns with teeth is what they were. It gets tricky when you

something that's already that unstable.

Leopold made them begoer tougher and splead in a just for thistlebernes that makes Dragons hoard them computerway Trediabernes are a luxury good, high in

proton and delicious. The market for them regist colleges if Lexis aconomy got worse... the cooper seams over in Bahinin had our out last month. This was nearly the only good flying job left. More than anything else I wanted to keep fiving. And not as a once duster. Clock-probber work is a peer Leopold was learing against his slommer a little pale watching his men husk thistebornes. His thigh muscles were still

"Goddern," he said. "I can thouse 6 out. led. The Dragons are having at more bernesthan normal. We can't get into the Lairs, though You'd think it was mating season Mating season? When a that?"

the pullbushes bloom in the treetops. The

pollen sets off the mating urges in Diagons-sleos up their harvest, but if also makes em meaner "Greek." I said. "I'm alleroid to puffoush coles. It have to total of Diagons with Leopold shook his head absently, he

there is nothing wrong with my Dragon desons" Seems to me you could have toned down the behavior plexes, I said. "Calm

from down a bit ... I mean, they we sustanown even need to be mean anymore. They don't browse much as it is nobody a going to

"No way-frems just not the money for e. Diake Look I'm operating on the margin here My five-year rights to the genetic putents set ran out, and now I'm in competition half of the forest. Besides, you think gene sphering is easy?

'Std. if they can bioentiment Aumans

The wayweren I blown up to five times the size of our progenitors. Drake 1 made those Dragons out of mean sons ofbarrhus—temps with feeth is what they fo cycles of scenething that a site ady that

I nodded "I'm no bipergireergranted " He looked at me and grinned, a spread ing warm grin on his deeply I ned face. West: Drake but you're good at what you do-maily good. What happened today wall. I'm getting too old for that surf of thing and it a happening more and more often. If you hadn't been there i'd probably be stew-

ing in that Drappr's atomach night now-I strugged That gave me a chance to roll the slabs of muscle in my shoulders neck, and nectorals.....a suittle advertise. mont that I had enough to keep a skimmer mintt for hours So he continued "I'm owing you full

meatine at the Arizin Tayern for a chick later on And bring your girl Evelaine, too, if you wart." "If a cloal Leonold, See you there"

I whistled like a dunowarbler all the way home, pedaling my new skimmer over the treetops toward the city I nearly wrapped myself in a flogging thicket of windbrambles but not even this could destroy my good mood

I dight notice any Dragons rosming snorthed. Leopold had at least had the provide for the thistlebernes' constant replenishment. His gave the Dragons a throat It would have been amplet of course, to

unclimbable thorntsees, where you part soon maneuver a skirring without great well, if it's on the ground it has somes

insetops its wide rubbery wings slapping smackwing Good meat, specy and most. mass to calebrate toright I decided to tring her home emackwing for dinner I

look the skirmer down in the path of the smackwing, meanwhile slipping my blessor The trick to hurting in the sir is to get structuring taw me red eyes railing it missed a peel in its tepping and dwed

branches name with a low tarting sound The emacious og aported the blancake thing Skint therk it too freedering it sawreed about a meter under the bobbing cree-

And stopped fat, in mid-air I laughed aloud, sheathing my blocer

The anapper had won his meal like a real Bereath the snappers wide bamplike sticky material. The smeckwing shuppled in the most folds as the snagger draw the that clear sheet must have been inwable.

Pale yellow eyes considered me and reexted the rotton of me as food. A ponder-

I flew into the spired city. Kalatin. I parked on the deck of our apartment building high above the ambied wooden had been suppressful, we'd be able to stey in Kalatin, though I hoped we could find a better apartment. This one was as old as

a great deal of the 1200 weens humans had been on Lex. As the wood of the lower stones rolled and as the building crumpied seasy new custrees sweet just built on dream in the meantime it was an inhabit

ant's ruchtmate Five minutes later having negotiated building. I crapt questly to the wooden door of my apartment and lot myself in cluschcould hear Everance moving around in the ketchen, so I sneaked to the doorway and incked in She was turned away chopping

I grabbed her throwing the steaks into me out hisself and I ended up szying

"His you!" She governd her nose, sourming away from mg. What is that small

"Like something died it's all over you" was other the smell of Dragon, which I'd of unne. I played it safe and said. "I think it's

Well take it somewhere also if microsking "Tilhop in the cycler You can cook up the steaks I brought then we're going out to

celebrate 1

The Arcus Tavarinas no self-cent, conditor ing it from the sample of the city below Evelane pagaled the slommer with me wobbly landing on the nokely side deck. It approach but that's pointiess. There are Angis base hard to negotiate at right in

> But not completely two beggars accosted us as we dismounted offering to skitteed away The Argens so bag so full of grantees to hide out in they pant keep if

clear of beggars, I guess We went in a belowny entrance. Fat belters overhead clanging their cords if snegged one and stepped off into space. past alopes set in the rock walls. Well-



It disease I want to get involved

deseed patrons nodded as we eased tankards lying discended undernoath You're late," he called We stepped off

Leopoid Node introductory phrases "it seems guite crowded here toregit."

Leopold shrupped "Hard times mean

Evelane has the directness of a country gri and knows her own limitations, she apped by me, eating up tablestraps left by the petrons it saves on labor Arrid the join and bebible I placed our order with a

I glanced at its owner "No." The man was

Thought you wanted Desgon work." His

Leopold hired me today The I hear I'll top wherever he's paying price. You can start terrorrow So this was Kwalan Rhighg No thanks

arefurn, but there was something about this man't didn't like. Maybe the way he was

Flying for Leopold is dangerous He See you arrund I ged A senso wes earling in a nearby booth I took advantage of it to step into the expanding blue cloud so Rhang pouldn't fellow and see sensation of pleasure, and then I was out of

I saw them on the starway They were picking their way down it delicately I tent cirches gave them away Offwerlders anabouty name to Lay Willia still the only lowers most offworkders away, they like it then pick their way down the stars. Thrisoffworkdors would be able to here servents here even though it was disign. It could

corne to that They were short as children but beginned with narrow chests and skinny

onced here long ago peeing for it in rewatching my own ancestors ges of gravity. Bules of thumb say we

than Soi. Beta doesn't heat our upper atstarted out with a dense cloak of gas, and the atmosphere away and there wasn't

self to bail away the gasses. So they stuck. around strouging the planet causing

€I looked into the Lav again: One of the Dragons was prodding at the other making low whuffling

Dragon wheeled and headed

for the entrance and I saw my chance.

enough for two big operations in a outs tarrer erosen than on Earth. The winds powart up. They belighed werer and gap onto the surface, keeping the atmosphere Bete's wan light also never pushed many heavy elements out this far so Lex is metal-occir Without ron and the rest you convenies a backwater You sell your trained find a juting ledge. One of them had something in his hand that plittered

and said. You got any sparkers in this Laboral my heard. Maybe be didn't know that getting a sendup by tying your frontal lobes pro an animal's is flegal here. Moybe

> Fuelune was described life in the fiatlands when I got back. Leopold was rapt the wary lines in his face nearly gone Perialne does that to people She's natural

nght out that she wasn't much impressed with city life. 'Farmlands are quiet and resthaster-but we can glide in the updrafts,

Speciang of the farmlands " I said. an old friend of mine came out here five years ago. He wanted in on your operations

What was his name?" Lom Kramer Greet prior Leopold shock his head "Can't remember He's not with me now anyway bribable, though-Rheng was right be-

"You haven't answered my gram." Phyang said directly to Leopold screening

'Dich't need to Leopold said tersoly Set out I'll give you a good price Something Sicketed in Leopold's eyes "Tolk is "Rhising went on milely, "market's

"Martin " Leopold said: "What you been getting for a keo?

Tight lips and narrow minds go to-Fitung stood, his barrel cheet buiging You could use a liffe instruction in politic-

From you? Leopold chuckled. You gone cortigs early Was that poste? Rhong shrupped "That's the past The present reality is that there may be an oversupply of thistlebornes. Market stril bea

Too much of you, that's my problem. Lift Tomy surprise he did He nodded to me. sproved Evelane, and gave Leopold a look I heard them first. We were taking one of the custacle walks that conscrew around phoned streets below A atoms slide clattered behind up. I saw two men duck be-

You're sumpy Drake, Evelaine said "Maybe" It coourred to me that if we went over the edge of the spine hundreds of meters into the thom scrabble below it Lucopid planced at me, then back at the

that made the spire. Rough black publics fecked right, skylight called and boomed sym i econdid tooked back and said. Tisswi one of them. Rhang's right-hand man." We humed away I wished for a per of characters materially that the was senous There's a split in the trail ahead." Leopoid and If they take we'll know

We turned They followed "I think I know looked at me. We were trying to avoid slip-

ging in the darkness and yet make good Yags.' I said We got a bundle of them together 1 Go on up afread." I said. We were on a narrow wated. The two men appeared. Before

I stepped out into the wan light. "Hey!" I velied to them. They alrepted precisely

on? I said, to wait The biggest one produced a krife The first spok hit, coming down from over prairied down striking the tag one in the

I turned and humed along the path it to dodge. It was an old schoolboy trick, but

The implications, though were schemo If Fifthenics bell they way try new job maght not

I was bagging better in the oxyernous to trish this perboular bag rather than stendon the bagging-pistor. The last be of flad sprayed over the heap of barries and began to congeal instantly its fremenaround the megular pile and sealing per-

for later I haved.... A slow fispping boom. Outside: a wrin-

Well. Ed fooled around inno enough... now I dived for safety The Dragon's Lanwas parpeted with a thack collection of next burrow through, but I didn't have any choice Behinding I could hear the Dracon oficial Promotout of Cand worker, 19 and have to be sure not to fall from any creat heights. I didn't worry about it, because my slemmer was parked on the ledge just out-

I stuck my head up through the nest to

sidge my position. The bulk of the Dragon which was clear of fog today. The beast seemed to be preering itself. That was

it was supposed to signal just once, for ten

quest dight really belong here. Dracons never used the wrong Law unless it was the for them to come back down. In the dark-

side was cut off. I poked my head into the

one sharing a Law-and the wrong one at

I was sure they were going to start fighting prefly soon, so I burrowed desper moving My elbow caught on screething. Cloth 1 trushed it many, then looked again A ng material I caught my breath then poked at the unitorm. Something glittered and read the name on it. Lorn Kramor Leopold's group after all. But that still dictrit

explain why he'd'left his clothes here. waxi mo. It was imp, but tangled in the nest I lerked harder and some long, pale throog ratifed out of the sleeve.

I writed I was suddenly aware that my Hooked into the Lair again. One of the other making low whatting sounds It dich't look like a hostile gesture to me. In

fact it looked like they were playing. The n amouse both of them had left the Lair I saw my chance I ran across the Lair.

cut pecialing fundusly away from the For a minute I thought I was seeing twos. The landscape below me was chdn't go away but got clearer There was a



Our leading shows that right about here.

the Laus Leguld see. Where had it come I sneezed, passing through a high plume out of the cloud, but by this time my years.

fatered as I fought to stay in control, my Nothing affected me as hercely as cuffbush polen it was the proviting I was

seally allerged to

But where was the darried stuff coming tram? It was as months out of season ? started pedaling again. legs s/wining I turned to get a better view

from around the spine of Paramount Lais I held on and brought it up just as the first

I reeled into an updraft, pulling over my attacker grabbing for my own bisser. The camened into a sharp turn. If was too sheep. The guy turned analyst into the path creefied together with a newtying sound. slowly toward the teedops. Seconds later.

up beside me. The bastant was common and I recognized that gro 11 was Kwelen

He nodded once, affably and before I guand of my slummer. The pedals rolled unelessiy I was out of central Phosop lifted I had exactly one change, and this was to clided in trackpedated for the drop-and

ruined pedals. But I made if in alive, still spie to stand up and brush the dirt from my unform. I show at the mouth of the Lair. staring out over the forest, considering the iong glimb that lay below me. Not one, this time-not even two. Five

shirdows wheeled overhead five hupe standing And finally five Dragons dropped I least back just in time, scrambling into

above the forest billowing up and around. the blue shadows as the first Dropon, noise was coming from reeking. I moved back farther its four friends were right behind. I kept moving

Wall, at least now I know why they were

less for safety home, wasting for Leopold's began to move around produing at each

€One dragon to go The others were roaring and waddiing. My time was up.

I froze. Alvang armed his His leas serked convulsively

I danced away as a daggerbush snapped at me.9

that meets be of help. My woming buzzes had shattered in my rough landing. I threw seemed okay lunhoistered if and began to move along the well. If I want passfully, I no the sounds of their efforts thurstering a bit of ground. One of the Drascris retenated from the batto--apparents the loser I groaned. He had moved directly in

A hupe try) pounded at the ground near not looking at me. There was no place to back ripping her in the hydrogen dome She aquavised and shuffed away con-

I stopped There was a tissing sound beford me Turring I could see nothing but the Dragge I displayed She dignit appear from her direction. I peered claser through

I needy launthed about Here was the answer to my problem. I could defiate the

Draggris, legying them stranded unable to

looking my way but he was blocking my eat I moved in closer and lifted my blaser

I favo mysel asate just as he belowed belowing I find again and once more missed his hydrogen dome I made a dash

My time was up. He was about to blast The Dragon opened his mouth, belahed

I saw it coming and dycked grange explosion rumbled out eatohing myself in the nesting strands and grabbed

onto the lashing tell of my attacker. Terrified by the blost, he took off. My syclorous wore sanged, my wrists burned.
The world spun beneath me. A tendril of leefsery tide of Dragons. Than my view gradually dawned on melities I was clinging

to a Dragon stad enepping angrily his belly was firshing purple Every row and then he let out a me Meanwhile I held on for my Ma The Drapon flew on but my weight

seemed to be too much for it. We were dropping alowly toward the trees as easily I dhave to deal with the Dragon afterward I spied something riging from the trees below us. It shot swiftly into the air after a high-flying bullwibins its transparent sheet roping beneath its birrolike body it was a I kelved on the Dragon's tail, dragging it sideways. The Dragon lurched and spun Let go of the tel end diopped, my eyes closed.

In a second, something soft rumpled in nestime in the diameter study and the analyse is opened my eyes as the subject upward i washed it glid every was puning it slowly down, as if I were religions in the engage. If were II ending the balloons in the Angel Tiwere.

jumped insistly losing my place on the shappy. The vice had come out of med an Lebraily.

"Bu," I said No more was necessary He was benking around bahind ms.
Kwalan Rhang had not mind in his startner He children said you can be a feel losi lower the younder was highly lower than the said.

increases the care of the care

He strugged "Geve you a chence to prove yourself. Come on, you're westing your time with Leopoid." "And you're wasting your time with me."

The Fand you're weating your time with me."
He shrupped again, uterly sure of the self-lay you wish I gave you a chance 'eny I nodded. 'Now just go away."
'And leave you to tell Leoped about all the? 'Bou don't think I'm going to let you ben't all you be he're."

the the? You don't have I'm going to let you back alve, do you?"

I have Reseng skill a blesor from its hotser at his west and amed it on my head His girn widened. The security deposit of fraction and I breathed allife easier. "No." he and glasterly why kill you.

"No." he sed distartly "why kill you studged of? Sow deaths are more measuring. I think. And harder to trace." He amed at the snagger if he punctured if it drop into the trace. It was a long fall. I make it.

regrowed and graced for the gun at my west, bringing if up ballon through could make the stated at me for a moment, then switted laughing. I looked at what I was holding. "What is you going to do with that?" he said "Box mas?"

It was my beging pietel all right I'd of droped the blase back in the Lar But a would art serve a purpose Esactyl I ed and ted The gray flad squired across the narrow gap batheren us. seeling indainly over Financy's hands Ho frod that blase but

successed only in melting the bag enough to let the wespon breek away it fell out of soft

sight.
His eyes ware wide. He was considering to seem by seffocation.
No, he choked.
But I don't fire at his head, I put the next big night over his freet seeling the pecial mechanism light. His legs seried considerately They showed Thereing beguns to the period.

wherear and then he was out of comotihes skimmer lumed and pilided sway as he humad to cach any upstaff he could he vershed behind Peramount Last, and was game.

I sumed back to observe the heekeps Pheng might be back but I doubted it has held have a long walk ahead of her

First hird firms a long wate shead of her over unpleaser terrain back to his base if he doubt meneuver his parmer woll enough to laid in the treatiops unit make the long partic almid down But I didn't work about in I woulded the formisses have about me and preservity he onegger brought ma gardy to the ground I democratic, leaving the integers to bed.

snagger totaught maliganthy to the ground il democrated, knowing the integral to the back into the dir and begin to walk gargetly across the infringentable ground awarding the spines. A diaggerbush snagged all me il stathood lewey it was going to be a nough walk out. Somwittee behind me. This may might be terring the same problem. And he wanted me dead the little have as fast to pool.



The meaning seemed clear until the aliens sent us their responses

you easen yet? Come visit us if you have

of 1977. Early in 1979 it slommed past to satelites in 1990 it swung past the ringed whirled off into interstellar space toward the M-class dwarf star AC+79 3888 in Ursa.

twelve-inch phonograph record, mede of

existence and whereabouts of terrestrail leurching, Voyager T collided with a small

light years before it was intercepted by a A tyl Emergency Session of the Stylinger was extrapolated from the technology in-The upstart race, within a more five thousand oveles, mortl passess the cape

patched by transapatal amp to the operdirates shown on the pulsar map, elim-Voyager 18 improped on the sensory

and supreme beauty pondered almost the

BY IAN STEWART

were intended as a friendship offering Earth a creation of pure harmony and say as

veloped the solar system. the people of The supprof's object to inform any alien. Earth wept with heppiness at its atmost unrissigence that it might encounter of the bearably polynam distillation of weadon and solomnly Al other activity pessed while they contemplated its perfection

A Jangeldhan teapr aported Wavager NO The ofcolor detector nucleed gently away trajectory with its magnetostatic leelers extended it successfully orappied the re-

The trilion-type multiprain analyzed the fused mass of silicon croutry paid mute testimory to the departed intelligence to the whicle revested the purpose of the supplied by an organic species -- mechan-

hundred fromand transports, began the Voyager 1D encountered a second black hale, of opposes palenty to the first. This back along the connecting line. A slight overshot compressed all the matter in the The leading topologist on Cynogoph-

the baffling messages on the golden disc. betrotheds when Voyager 16 noochwood

across three star lanes and rammed headphonograph record, which miraculously evidence for tracking down the guilty party errment refused to comply the Pagulators

Printed in the seat of the greatest civilization ever to have emerged in the Third Galaxy A pulture composed entirely ordinary material area of the rest of the galaxy seeking instead the Final Synthesis Long ago he Paleestrin phésiophers of new intelligences served only to remforce the pattern of rationality perceived When news teached from of the alien artifact, they skel not dealed that if would conferm, yet again, the pattern of the Final was required for Ulmost Certainty

other countries of that you stock to recent as your Voyager IG traveled farthest of all seto a cals. Here dwell the arrurghs, free floating creatures of monatrous size, with sizely like a fusion torch, and hearts as black as

intermalactic appare The trry craft was nontured and placed puzzled over the record. But later on they

audio analogs of visual information. were units seemed the pictures. Was that not tem for personal transport? If that was a promising, but was it what they hoped for? licked their itwe in anticipation, and readed the mass-propulsion units Evends of space, have you eaten yet? DO





It would be so easy to change history, now that the time machine was available

NEWTON'S GIFT

BY PAUL J NAHIN

alloce John Steinhope was a sensitive human being a posson deapty concerned should he welfare of his fellow oreatures. Any oot of injustice, however sight, made he breast pound with righteous midgrassion. He was a charge on of an jety, and ha middle in the was taken from the amount English de of Jaw—Did night be done?

bein wilde sit all sorely reclaims which Welface's heart sorder might, when he raided of the listences using mend-duling accupitance endured by height an attention of oil dust income gradual control causin manifestion mid-dust ingred translation of causin for manifestion mid-dust ingred translation strong disklaring oil causin manifestion mid-dust ingred translation strong produce costs strong grinding out belows manifesting the size has a survivo could on Cody in artifaction on a force company was the produce origin of Welfaces. Originally received the size of th

In displace of Collegence, were menous unsequences.

In displace of Collegence, were menous unsequences.

In Medical in a Medical in a

PAINTING BY RUDOLF HAUSNER

carrier a weathregizat that's another story; So cheer was Wallace's arguest for his producescers that over as he give close and his one international talests as a mothvariation physical guarde him an international reputation intelligence of the control of the control of the conloss were never fair from the small. It was most appropriate, then that he greated discovery gove him an apportunity to do something! And Wallace John Steinfages.

voved to help. He became convinced that it was his purpose on Earth—he could not, he would not heated a. He strapped the knepsock-size time mechine onto his chest, his excellent was thoroton easy to understand.

It is gate and it is healty are three the last part and the last part and the last part and the last part part and the last part and the last part part and the last part and

mathematical calculation. No more Najaria borse of Nesteral Bits Wallice John Bashrapa was no facilities the walling of Nesteral Page was no facilities postations for times New York order the securities of the Nesteral Page Wallice had incorporated a small, selfdestructing had assessment of Article to years of use it would automaticity met and may be a small page and may be a small

great good he was about to contin Wellster great good he was about to continuous for merry and England. Reped the power switch on, and varieshed.

Mesenakang in the Lincolnshire countysica in the spring of 1666 he began his

instituted year of the great bubbers plague and headers seeking relugar from the agony and cleath plantaining burbbers and insteading the college of filmshy at Carn bedge, total returned home to work in a bodge, total returned home to work in a bodge, total returned home to work in a bodge, total returned home to work in a bodge to work of the Black Decading work in the seeking objects, when the essential and cleating work between the posterior of white high world be observed association of when light world be observed association of white high world be the returned hashes of in world at the Prevention of the property of their much salare in world as plagued that their much salare in world as plagued that their much salare in world as the Prevention was talked by their their much salare in world as the property of their cut when the property their control of their property of their cut was the property of their cut when the property of their cut were their property of their cut was the property of their cut when the property of their cut was the property of their cut when the property of their cut was the property of the property of their cut was the propert

desiry relabilistics. Welligen it gift would be place from the control foundation from the control general. It was confr exercise you when guided by a mad of the area propried by a fineral who was both a certaingreafter and a make in hearts. Welligen cook of the control who was both a certaingreafter and a make in hearts. Welligen control for you will be present the well of the control which we will be presented by the control which we have a first foundation of the specific stati work laining as in approximated greatly stati work laining as in approximated on the control well will be provided to the control will be provided to the control will be presented as the control well and the control well and the control well as the control wel

se here, in a small farmhouse that Welloce should meet his hero of the ages A cold, to gettle star was falling as the approached that door The soft, has yell of an oil amplet globed insoto revealing through the trans-table. Each of the soft has been soft and the table. The fraginar smoke of well-discollaboring wern the within with the soft and the soft a

With his heart about to burst from elecidement. Walson regional years have done After a pause. The shadow rose and moved owey from the wordow. The door creened, and these espect faces: Newton, a young man of 23 with an intellect that Harme and Volume corrections of the greatest and revest, genus that ever rose for the automment and

With his heart about to burst from excitement, he rapped upon the door. After a pause, the shadow

rose and moved away from the window The door opened, and there was isaac Newton, a young man the objective of the objective o

instruction of the species." But for the importance of his self-separated mission Wilson would have tarried dead away.

"Is the file home of Isaac Newton? he asked in a voice guivening with the tembling cone normally used by lower about to reveal their deepent feelings. The young man of medium height and with thick hair directly showing agrin of

grado; delawa, before the weteress likely gould."
Issac followed Walace mid-the room and stood queely weighting as the vinitar re-moved his posted cost and hat The ports to be are most new way perty begor do the four most new way perty begor do the four most for a well. The account was a rule and as it in a fastace case in Wellschell and safe in a fastace case in Wellschell and and the fastace case in Wellschell and was the safe and as the fastace case in Wellschell and as the safe and as the safe dealer of the safe and as the safe and

Monaning to a chair near the table, lease:

consist and grand Weisber "But here is distrage bould by your security. Merchant Are you from hierachous or how you trafeed sur Please commence selectly your tale." Welliuse loughed should be the speedow, as observer, and it gate suppressed him it also calands fasse. Please forgive me. It is yet our your your seen and the faster when you you "You see I can foom the future." Wellings was not one to play the cards close to the

Now thesi seads sum to shape. Or with some industrial to the control of the control of the now at 3 mins? It would be so like him to play such a size. From the later indiced? Walkaci's ayele sched at the sight of the sociary. What wonther must be finally adole, to be born in any other statement about to be born in any other statement. It is not born to any other statement seems on the statement of the statement to the statement to the statement of the statement to the stat

secure to be born in any other shapasin. While one way to the deliver one term, but the deliver one term of the but of the subt of the countries that past wealth? On to misdleved feaces interest ways from the could also and waven time between controller one to misdleved feaces interest since the countries of the count

to believe the Bull, look have. The will comverse you of the foreign of my words. We'll soo pured the stemp black plainte-creed calculates norm in sirry pocked and fiscool stemp of the proposed of fiscool the power switch or. The array of LEDs glaved bright in the sjorrey norm as fisglaved bright in the sjorrey norm as fissories on in a random, spanismy nor burst. Basis a new watened, and he pushed his

cheir back. Whis he hightened?

Yethe Lord is my Sever is it a creation of Luciter? The eyes old shine with the color of his domein. Are you one of his sentity agents?

Of my not book here. Mester Newton, let me after you that there is no block major or chicarney miched. It is all perfectly understandable in terms of the lawl of feature. What I have here as in automatic saturation, and only on the perform all of your laborium mathematical lighters.

So raying, Walkace squarezed the asses of the calculator case together releasing pressure supportinging, and Tapped the case spen on a large at the top Revealible to Island when the named of the obstitutes mervel—stuping posted interce of printed count bearies, a mass of integrated one cause the case is mass of integrated or curry, the omail LED display and the seeled mobiles battern issue stated in-

seeied ruches battery laber stated insering at the sight, and Welliese could see the resultant currently of Newton signatured begins to me way she filled approximation. "But whate are the geens," leves, opining and labelities to carry out the collaborations." All see as a black box with light this gives also also as that down where in this lamp, or condid to provide the light hand. The condiding the provide the light condicate of the conditions of the conditions.

exac that moves!"

Oth it is all done with electronics, Master

Neutron The central processing unit has allocated to a social-crisism emerby that occtains he decoding logic necessary to imprement the appropriate algorithmic specific requests entained through these specific requests entained through these lostions and these performanced into box in all-thread by the confided motion of accordance material under the influence of conductor material under the influence of conductor material under the influence of conductor material under the influence conductor material under the influence conductor material under the influence conductor to the section of concerning the section of control by the section of control to the section of materials and materials and materials and materials and materials material

himself from hereton 50c stap. Gred Issac. I understand only a few of the words ou use and rathing as all of their messing But it a downwarther for calculations to be performed, mechanor work mail by done, and that implies malter. Pracails adding machine has shown the weapout of that I say again, not ing makes in the bax i have on a work. Water we compressed in the mediate.

of overlooking the handreds of years of progress after Newton's time west one a progress after Newton's time was one a child might make. If an oorty Master Newton I'm going too find for you. Issue booked at Walliose with a from: Lest Welface failed to see the proched varnity of the proud Newton. Going too teat, indeed.

Welklas peoples of to be a first instruction opposition for Newton to be from he hope in couldn't be deep it have he had a first in the set of the first in the set of the first instruction of the set of the se

realized his had to do something anything, smeetablely. "You cannot disn't your own eyes," anwested Wislaco." Let me show your works. Till divide his numbers for you with just the purch of a few buttons. Wood his "And, at jurisdom he ontered 81-818 divided by 123.

Foor Wallage, or all the numbers to use bey were the worst!

Within milkecoods the ensure glowed trightly in law, yet characters. Wallace looked with mide at the result and then shealing engine, in the most shall be livrew would be leaseds amazement. It under his would be leaseds amazement to under his yets to the great mer. With a low mode yets to the great mer. With a low mode yets to the great high on the needs! Newton that streen to his target on the needs! Newton that streen to his target with yets bulging and handers reserved.

as it in payer.

The mark of the Besst, it is the mark of the Besst, it is so written in the Book of Revelation—Here is wisdom. Let him that hath understanding court the number of

his number is six hundred threescore and

60000 in bouring not characters on the LDE. Issues size size the revised with fast so he again saw the website electronics do their manyolous assignment, and then he structhern light. Walace was becoming despesse—the wasn't the way it was supposed to last 'Don't you see—magine the bollous work. the manifolder that Man The manifolders.

Struck dumb with confusion at the uncontrolled outburst. Wallace stuffed the

calculator into his shirt, grabbed his hat, coat, and time machine, and rushed from the house He turned back.

The control ballon in the

selection from Ania of its youth "Sys? But only for the exchange of my soul! That is always the Devilsignor for his sockutive grits from Hell!"

As isses shreeked these last words at Williace, he reseed the polar over his head. Begone, you emissary of the Dank World!!

Wellices he rested the policy over his head. Begone, you emissize yof the Dark Modd I know now you must be in the employ of the Pather of the Antachest but the Lord God Amaghy will protect me if I do not wiseen in my reache Begone or III strike your brans on on the Sort where you stand? besech ayers were wide self-likes, nearly

springer from the model at the velocities will waited with a compared from the wildman who threstened from with death.

"Besses, steam costs to see, present it bely you to understand—I'm in sovertist, bely you to understand—I'm in sovertist, and it stated so, in contrary to everything! believe How could to be in the death's early you, when I could review accopant to see served You would believe med.

"Bustlemy" so command cleane: Your This springer's command cleane: Your this present the time of the country of the command to the country of the country of the command to the country of the country o

God too Now leave my home, you dark

beind from hell, or by the heavers above / shall destroy you?" As no shrilled these words, Isaac becupit the poker down in a wild owing that

banky misself Wellstein head for your bank of the un control of the un control of the un control of the un control of the unit control of the unit control of the unit control of the things has been been a control of the banks has been been a control of the things has been been a control of the control of

He ray, for how long he couldn't recalring heavy with the rain. Each of rage, trainistics, and shock streamed from he year. Repetical by the gent Hewter't Wellcam him Wellice burg the calculate mothe stream in his semile anger and pot-

from Newton's work as questy, and as quelye as he had come. About place of the Court place of the About place of

Ever years later long after Newton had was read to Cambrodge a group of pounding of the read of the control of

Well over 300 years lone. Whatee John Sterflops stagpained in his even time. He was essentially the same man all before he left-indigeneous and centilive Result to come to the aid of any man or beast het might need help, he was giving of himself to a fault. And he as his freedlike were concerned in fact, he had even improved (many) they do in how with hid brough about he well have with a hid brough about he well come confidence of the three which had been about he well to the confidence of the second of the well to the confidence of the second of the secon

Wallace John Steinhope, you see, never again had another land word for Newton, or for that matter, any words for him at all oo



Gilbert Williams portrays a universe of archetypes

CELESTIAL VISITATIONS

The painings of Gilbert Williams, a young California antid row living in Mann Couldy see good exemples of what visops are described of the glowing could be seen and the glowing could be seen as the could be glowing could be seen as the could be glowing could be seen as the could be glowing could be seen as the glowing could be seen as the glowing could be seen as the could be seen as

start from a general idea that grows and takes on a He and direction of its own. I don't know the direction is said to the direction a painting will take until I start nearly getting into it. The process is one of nonverted evolution.

Williams was born and raised in Los Angeles. He has had let in formal training relying isstead on his own integration and development of technique. In 1973 Williams moved to Mourt Shasta. California, an arrie he describes as "Majerged in metaphysical linered and raised heavy."

and produced most of the paintings shown here.

Williams is an exponent of visionary art, a genre that amerged in northern in the flarmeanum Gellery, in Mil Vielley. The movement give out of the psychocides and famassic and the Skribe and Seventines and Services.

delic and fantasis and of the Sixtles and Seventins, and it combines sprittual secting with an eye for detail. His tooks, however, lie diseper, with the surregistry perintens of the Twenties — most especially Salvador. ◆Among the most potent of symbols are the medieval unicorn, representing innocence; the jewel, denoting wisdom and transcendence, the pyramid, for firmness and stability.

• **Times** and stability**



Dati and George de Chinco. The bifer and salance edge of the surrevists is gone now, visionary art searches for the next trens-formation in man, it is an optimation of John to prepare in the

hambation view of mail's possersial. The failment own of milkings is and is apparent sincen-shaped objects serving prough a significanted due make more prough a significant of the mail of the serving where uses potent images from the pass, souths an whose horses, salting those species enterestings, make an whose horses, salting those species enterestings, make an advance of the serving the serving of the serving the servin

Symbols of man's dreaming past DCI

Clockware, from below. Sky Wessenger, Dregon Song, Sea of Venors







OD LESS HEM

BY GORDON R DICKSON

Nobody in Congress or the fisheral government or the public has put forward a case for a U.S. manned Mars Messon, "Press said in an interview." And if the Spirials decate to append \$10 billion to find men or Mars in New years we say "God blass here."

-Los Angeles Times, reprinted in the Minneapoles Star, Thurseley, October 12, 1978 from an interview with Prairi Phasa, sciencia advises to U.S. Plasedent Jernes Carter and cheminan of the presidential inview committed whose four-morth study formed the basis for Carters policy deferrent on the space

There was no mail at the Main Minneapoke Post Office for Merin Seenson Aimost no one got any mail at General Delevery on Mondays now But propie went have, arrown although labely the air cond-

bong was always off.

Medin left the post office and walked slowly his bearty assum blocks to the store market. It was a blue begin duly moning, already tyming bet and he could bet the hisal of the schools if flivelith Avaius and Third Street his stepped on committing her and the

PAINTING BY MICHEL HENRICOT

nontation But whatever it was the discovthese days and there was no hope of get-

would be several things he could do to market the hard upright chars along the walls were all filled. The air conditioning

narrow white face, under an up total shock sion of histatural ammoyamore

I could manage another ten percent where for set half a day \$11. the chance

Mer in wated for a chee, then sitting he lose your connection with a place like this if they creught you drapping off-that excrees. The Qualitied Laborer is a Consoentrus Laborer was their slotten Merkin and until the man next to him began teading

tative. Anatoly Propech that the ocuntry be an open stytation to impoversised ristens to rety on other countries for large Propech read aloud in session a 1978

America's cwil space policy centure on these names that activities HIV refect of space engineering inhalive comparable to

The man stooped reading folded his paper and turned to Marlin Can you magine that?" he said. Just filtern years ago, a White House statement swyathat What were they using for brzens?

it asked. Although probably his nivn ago cence. Curly black hair, slight body pale

⊆ In the narrow walting room. of the slave market. the air conditioning barely removed the strik

of unwashed bodies. Medin was clean this morning. It had cost him. but this was his special day. 9

cents got eaten for breekfast. Merin had Sam Church My degree's in electronics

Gravityless? You must really have good clothes for this kind of place? No

I'm dressed like the because I've got a

moment the words were out of his mouth-

wiped raked of prefersion it was now "Oh Goo!" Church breathed "You really have an interview?

"Two been waiting nine months." Merkn said cruffly He was sorry now he had talked toltramenatall Luckey Church seemed to

Where? Who with?" Intemplonal Positions Merks said

"Not down likely!" he said "I used the

soap and towel and a hundred to here

"You're office crashing?" he said. How dangerous is it's able "Merkn seed

change the subject. That doesn't mean

Church breathed out softly He looked Locular Ldo it he said

empty office buildings that had been conwwed very long Where do you live? he paked to I ve only been married five months. My

with and I, we've get a room with my in-Medin caught himself just in time. He had had a sudden unbearably

Chartch did not make the mentake of poli-

had been sold by the galloons intaken Do you hear from her much?" Church

The monosyllable finally stopped longer in silance then glancing at the glock. Merlin saw that it was almost noon.

The White House statement says

jurned away from the desk. Merin pumped I haven't gotten anything all morning here either said Church "Do you mind if I

Church blinked Yes? You do mind?" Oh Church let back Wertin turned and went past him and out the door into He walked back the way he had corse

Center On the way he stopped at a dis-Almsbury Park, where he apped open the public fourtain. The col flakes under their

it was nearly one broket. He were on to

screen. Mr Ghosh will see you Just a low

Titl sure you will also arrided at hern. She armety. There's one just outside to your

He went out through the glass door and

beland hits. He turned to see Church I hope you don't mind * Church sed *!

stimed in Medin. Church was no belowns.

All right seed Mertin But don't have around here. Was for me outside and (II tell you about it when I leave

I'm not doing anything special for you said Mariin. He went back into the officer Oh good There you are said the re

deek and told the clerk he was checking Hunry! Mr. Ghosh is waning for you her deak and found his way to the open doorway of a wide room, brightly lit by a

value of which would have given Merlin 1said the nameplate on his deak. But his

Mr Swerson? St down please. Ram Ghosh's English was almost accentless. papers on his desk with the natiof an index

Six months "he said. You've wared a long time for a job offer from us Lots of megale wast larger. Merks used Yes The said. He became more brisk Well the matter of Isaratius that you now

have an offer Your education was in null-They aren't firing many U.S. crazens to Medic knew his bitterness was showing. He might already have prejudiced the interview but the words had come by them-

"Very true " he said nedding." But you cant blame off-Far is netallations and Iso-

As many thought Mortin as want to enter "No expensione " Ghosh went on " Well the fact you don't ran't a complete tramer I can offer you allob in your specialty But I bon concerned with a sa a matter of sec-

glow of hope so powerful that he feased it Of course "he said slowly and clumply

Professional confidentially I under Good " said Ghosh oming again "All right. The job will be in the metals forming accept the job. But it's within your ability. and education, and you'd be paid at grang



Clear monsters leaten up! We're ramang over budget

specially and experience . The Mering mind resied. The payrate Chosh was taking about would make him comforfably well off in any other society in the world. Here in the U.S. it would make him. wealthy by companion with those at the income level at which he had been living for

I should say, that's what your pay rate paid at a standby rate of half your space-

You'll report to the training center in Hunteville, Utah "Ghosh said. The recepfronist cursacio has all the necessary intormaken, transportation vauchers and the red He coughed "If you could use an yes. Mertin seed. He had been to overwhelmed by good fortune that he had

cent crottes, luggage, a dozen other

Thank your said Merin I don't know Not at all "Ghosh smiled. "Imput admit I

Tim alread not "Merlin seed queckly The hard years had taught him not to recom-When he got to the training camp at They shock hands and Merkin went out

With the advance check and other mater he headated his mand whithing unstake to

Tool the Job." said Media

look on his face-one of incredulity and And it was a look that touched Mertin's happeness, he saw himself standing where Church was hearing of someone else's other must be feeling. Impulsively ha

Church nodded his face suddenly wary Go in there not now seed Mertin You may be able to get hired yourself. Tell the secretary you heard about it at the post office-anything Just don't tell them I sent

you. The name of the curft is Tryns-Space. Electronics. Remember you didn't hear about it from me some unknown language. Then his eyes opened wide. He soun on his heel, san to

Mortin departed, clutching his check the overland fight to Salf Lake City. He

being so poor for so long, he found he

dask sat a dark-skinned man. But his eyes were not

unkind and he did not exhibit the condescension and vmnatience with Americans that

so many foreigners showed these days ... 9

closed for the day and only the thought of

in the latrine he found showers in which hat water was available day and right he understood that this must be chatso-

tension of newcomers like himself, he was unable to resist the luxury of immediately sceking himself in the shower He was stepping out of the shower when he saw a familiar-looking man standing at one of the washbasins. He circled to be a

Yes I made #F he said They shock Tickets I see you at any of the processing

sessions. Merin said wrapping a towell

"I had some special interwews" said all cadre would be previous employees

But how did you get picked for that?"

again. I think they picked me because I How pould 19 I haven't ever been in space Well mether have I of course But it

then you sust tell them you defint untiler stand the organic quantion or blame it on computer error They se not going to go to "It gould still catch up with you." Mertin

was almost arry "Well Two gotto run One of the advantages of being considered like instead of standing in line like the rest of He watched the other man go Later

Church's in caucht up with him, if was alhodeup Long-distance phone charges He got to a phone at last and cafed coast who might know where his wife could segregated by sax, even those husbandhe learned nothing. With his lest call he

> co-another indulgence that would have been encountie two days before but his

ergenering disgise. But here might be other wisk opening on this specie factory. Even if that did not pain out his own salely would be enough to misk of secure for her and conce is year he would be getting factories as one before the and conce is year he would be getting factories to come buck and see her. He returned to the barnoots, looked for Church's codes and found him string on his bed, falling with two of the other framework.

On ratio Marian Churchinad Jooking D. Come in and shall the doc Week paid comparing notes on the equation here. He instituted Marint on the other was a middle-aged, stightly, overweight, manised Strole froad, with the pascel store of a bacost hours did a blond young seam was just out of school. The comparing of most of Church stefance was paid upon responding to the part of t

comer of Church's bed and reterned.
Oh it's a soam. Church was soying.
'The idea is not so much to set up a factory station in ortif as to get their share of U.N. development, funds for nations with low GNP like ours.'
But I said Booler the U.N. doesn't fund.

preside corporations.
This entil a private corporation and
Church. This a consortium of corporations
with redeval backing. As that of course, it
all can't get U.N. furnos electry but the
feddral povernment can and then make
backs of its own available to the conserv-

But that's a great thing int if? set a family in the set and the segment of a family in the segment of returned space-based industry after set. Don't be a dupe "Queen bed family a few paper based industry in the security a los imporvement for mention a space-based industry if we diveatly had one—if the government had pushed one when they should be usenty water.

ago —we could be in a position to complise rowadays. But we se not. We deepped out level Sureset. Now

game.

The point is that the U.S. lost thy original writes that made it what it was. Chusch asked. And this and of this belief discretifiers. It wouldn't accent held wife is bed situation and other many control or the control of the point of the country of the point of the country of the co

Out golden age is gaine! Menn get up He had heard all this soo often literal strate builfe had no reported such large concerns row. Life was lying in the bissessed privacy of his cubicle and a dream about One being found by the describe agency and of their being signifies agency and of their being signifies.

Sony 'he said to Church, 'I can't keep my eyes open 'Noot time...'
He incoded to the other two as he stepped to the door of Church's cubicle!
Glad to have met you. he said, and a mothant lains he was out on the bestscried floor heading for his own cubicle and The first lew weeks were filled with closes and harmy. He board himsung pong to bed exhausted every right his old not fissed Chartch, so it was something of a shock when he was need in the central admirentested businering to see him there, closested in angular critish another seal the his section of the seal of the s

against his wages to pay the detective of agency of "Church!" he seed as the other walked hashly by him in the corridor. Sam a Church!"

a Chuschi Chuschi looked around and saw him He ce came over to shake himsts in "Merint" he said "Howns you doing? I he maint to get gown to the beneatek and look

on planning
"build make cadre, then?" said Mentin
"Good for you?"
Thenks," said Church. He lowered his
voice and looked around but the complex

 The point is that the U.S. lost the ongoinal virtues that made it what it was," Church said "And like an

old, fat-belied ex-athlete, if wouldn't exert itself while a bad situation ran downhill."

was momentarily descrited. Treatly was going to be in blook with you in fact. Mosking in this piece. I hear about things alread of their They we get wind of some agostose in the flashes corps. They migoring to begin making insularies. Introduce I wanded to making insularies.

Will you. "We's Mertin loughed." I don't know any options." Of course not 1 don't think them actually see any. That is why I was going to warn you threat gattoms like this see under pressure. They we got, to produce results to userly

Once," and Media Only once? Well said Church "at any rise you know how harmless they were. I we already risk the investigation team at about them and no one's worked. But just the same, you might want to say you dicht know anything about their Media stored at Church. He had not tector, and he felt emberrassed at not giving Church noise clockf. in away has warn agreeped the fasce Merin had done him by putting him on the leack soward getting his gib. El testified to an awareness of citingsten in Church that Merin had not or possibil.

He got the contingency payment ap-

pected.

He got the contingency payment approved and stood in line at the phones to tell the detective agency.

Fine, tine!" the voice of the woman at the

just about located your wife. Mr Swerrach With this payment against exponess we should find her this week." "Splanded," seed Meetin. "You'll call me?

"Splendid," seed Mettin, "You'll call me?" "As aborn as we ve got corretting to retri Now Mr Swattson it was explained to u that your payment in full would have to a in our hands before we released any set information?"

Of course said Merin. The afroody lead to my ampleyers have, and therefill be grotelein getting an advance for the real ety goal want to be sue the seekly found and they won't have to turn accurat and we me another advance need work. Good Well be calling you this week. Mr.

He went book to the baseacks. He miss full of Choic and her depress when she would know what had happened to her He had completely forgother about Chorch swarrang whan two days lake he was outdood of follow the forgoth to soport to Confinence Bulle 460 in the Head partners before [Bulle 460 in the Head partners and the store of the completion but when Metric storeped in the only once them were all this shopped in the only once them were all this shopped in the only once them were all this shopped in the only once them were all this shopped in the only once them were all this shopped in the only once them were all this shopped in the only once the motion of 500 cm. Be same age now.

Table
"Come at lease Mr Sweezern" seed the
worken She pointed to the trial chair on the
long sede of the table, at her right. He
obeyed.
"Yeav asked the women glancing at a

presently in your bemocks. Wr. Swenson was through the policy of the pol

by The woman looked again at her persous 50 fat the man had sed nothing. It of coursed to Mentin mat her psychological profile they had worked up on him might have indicated that he was more likely to trust in woman.

woman

"Do you know a Stotler Freed or a Bill
Sumash. Wi-Swanson?"

If forsk they re in the banacks
This Fasad and Sumash." the woman

This Fisad and Sumash "the woman said "have you ever noticed them talking locether or attempting to gather others in

Have either of them over tried to talk to "No said Merkn Not that I can re-

might have cause to suspect as an activat "I'm afraid" said Merks "Twe been as

busy with the trening courses. I haven't Yes or no to the question I asked. Mr

Definitely no saud Meetin "Thiseshit med But you ditell us if you did, wouldn't you

(also thought Merin granty Ld cry dance

brued to at. With eyes pouched in linely But no call came. On the Thursday after memo in his message box that asked him

At the Contat he was directed to the open with two security guards strending

With his pen passed in his hand. Men'n 1, Medin James Bwenson, acknowledge

Til go easy he said

Just your account to date. We need a All note: said Merin.

away glanoing at the second paper Sud-

I just hand it to you that s.al. said the clork. He turned and walked out of sight.

Mertin stared at the second paper

As of the passent date . The lines blurred

· He was facing one of the aray-uniformed

security quards. The other quard was holding Medin's arms in a painful backlock. had already becam in the socket

of each shoulder 9

Come back hare!" Merlin shouted through the window-and found himself ward the small of the back and ive whole

You subvects are all allos! said the sa-Well would lived and you're leaven. How

Good, wait the cuard. He nodded, and

building but him in a gleaming white car bearing the Trans Space emblem on its

Who we you got there. Gus?" called the Another of them " Gun called back. He

Merin turned his back and stated out

'Merkin over here'

now padiocked. Merlin glanoud at the he saw Sam Church's face looking be-

noos as even top ?" bees en 'I don't know what a happened. They're

You can't of course - Church began

erong and for it pan't you? Sam con!

means? I'm not set this plo. What out!! say I wan a subvert? Eve got to get it

'And something else-accretting also detective appropriate had huntered my writing up with a pen and a piece of paper He

tween the vertical pipes into Church's "It is ensuring you to phone out. Call them Sem Don't left them what's happened to

"I snow!" he burst out "You remember

that slave market in Manneapolis, where you first met me? The Availables. Fifth and Find Aware North? Tell them they can loave a mescage for me there if the book Monday. I can pay off that dayclark and he'll go

along with t.
"All right" Sam Church looked at him stanger

"And another thing you can do for me.
He was interrupted by the roar of blower as the bus turned a corner into the compound.

All right Swensorif, should one of the

All right: Swonsorif should one of the guards. "Get over here!"

Bam listen if you have a chance. There's no more time. Metals." Church be thinken a when here.

heeds the pipes. It's not much but it's all I could rate in a hury.

Merin look it automatically The guards were collent for him. These was not even time to take Church's hand.

Tim sorry Markin, said Church. I'm server was not even to a shad church.

own will to their of.
The guards gratibed Mer in whited him around and marched him lowers the bas Dazedly he found himself abourd. Company billing Jake and one of the guards. This one to Derrow Central II he gives you any trouble let us know. They shood back Thee were no other.

passenger's boarding. The doors of the buy closed with a preumatic hise. The driver libed he vehicle on the downward thrust of stunderpits until inflorted free. He turned it in its own length and headed toward the fashees.

in its own length and headed loward the leginwy. Methy carding at seattacks to keep he balence in the turning bus at unribed to be real-section of the vehicle and and down

the investors that Church had given in Numbly, he opened it findle were twen hundred deals talls. He laughed belen't This its gether with the bearty-lave hundred or so he had in I water might be just enough to buy a bubated back to Winnespoin. He would be

to take a bus to get them by read Monday if you were cought infunitioning. The paties within bear you want to such that you ran the chance of being crippled or shot you on some pretest or other to save themselves the trouble of bearing you up.

the troiter of bearing you up.

He sucked the orwelppe into an inside pocket. He cild work clothes and everytheir plass he considered the cild work clothes and everytheir plass he considered the cild work clothes before him by the matter. Once book in Microsupolia he would have be each in what he was washing now.—In or as long as it.

 remstated with Trans-Space is Church could get to the right person —
His thoughts broke oil auddenly as he

what had he reserve by saying he couldn't help it.— that he had he own whete their ct? "If Understanding exploded in Merkin "The destand" he acreemed the wole to the fact that he had halk rean

The Debtary's his accretified. He was to the fact his he had a last ream cut of his read. However, where he was he said, beat down again The few other passengers on the bus and the driver in this help were many were all staring at him.

Mentan ast sturned, the whole pattern tak.

rigilating between him like a puzzla possura like audiosity becomes comprehensible the conventioned how Charlch has like qualify for the caude till or meresbered Charlch wasterg to wake downtown with an audiosity of the caude till or meresbered Charlch wasterg to wake downtown with an audiosity of the caude till or the caude the part of the caude and the caude the part of the caude and the caude the part of the caude and the caude part of the caude the caude of the caude the caude of the caude part of the c Churchite ligst words were clear. He had insued his own job accurity by throwing the corporate people a substitute worm and leiling them this worm would dainy every thing when questioned. Then he made sure by advising Methin to do just that.

(2) by advising Methin to do just that

A deep wave of rage replied in Medin
is usedess. Caruch was put of reach—and the
in usedess. Caruch was put of reach—and the
in the reach and the reach in the way
if was now it able been up to Melan to
if protect himself—and he had failed to
off to the strandard in The Austables
slave market how he had staken Church to

They act house size at mortigate to standard of the Compound to as of the Minnapoles terminal. He had enough money left as weeks crashingstone of the office Couldings - Left first list at morey left as weeks crashingstone of the office Couldings - Left first list at the control of the compound of the charges. He control of the couldings - Left formation His control of the charges who can going for the loads (Horeit to shall be charges at the could be charged as the couldings of the charges of the several terminal charges of the several terminal charges of the several couldings of the second could list of the second couldings of the second cou



those easy days were gone. The best to hope for was to stay on the streets without swarmeng. He had the incredition back to

recognized him as a familiar face and

"Mories Merin Swerrenn Ded a longsembaras you for your trouble. Did a fong

Look reary" said the clark locally. "New

"All onlife and Medin low-voiced "Till pay! What's the measage - and tell ma po-

You come into the office with me "said He stood up from behind his deak and

to create a small privacy space. Merlin Here you are "the clark said. His tone

thumbtacked to a pork bulletin board "I it out in his fingertips. Merlin snatched it.

"This is no messaged" said Meter 10s "You argested more?" The clerk was

But now I've got to call them long detancel said Merin. And you cleaned me "Sure you can gat collect" said the

"Don't you understand?" said Merin

screen it up with the face of a young man

"Yes?" he said "who's calling collect

"I'm sorry I don't have any Availables or Well then sust forget it man Posget #1"

want to talk to you? Are you Morin Byenson?" asked the young face "If you're Mertin

Ne? Medin Swenson? You people must to whoever called him, and ill decide

Just a rarryte" and the face. let me clork, and warded of Merlin with one hand

Wax Wait sail a merupe," next the other talk to Mertin Dwonson Just a minute

Marie Balsom we clost accept collect

Have you found her? The words burst Of course. That's what we called you about Then we had a message to find you for you to gall us. But you were not being

accept calls from Where is she?" this agency to furnish information before it's pwd? You've got a belance outstanding of

But that a why thad to talk to you." Merkn said quickly. You see, just for the nind week



There my present selfe, and the other's my selfe from a provious life.

crazy mix-up in my computer records and until it's created up, they re holding up my of weeks But I have to make a decreon and I need to talk to her about the night all. I have paid you over thirty thousand

Mr Swenson Maria Balsoms voice had stepped for back from him. Are you

Yes and no The point is Town't pay your now from a different world. When you've

activitativou owe us. Mr Swenson, send us you the full results of our investigations Don't you understand ... " Merin be

mestors from accounts collected

Meriin shook him off. He stalked out of

humed away from The Availables office. He peed no attention to where he was como

son on it a very old man apperently asleep

day like this. Medin granefully sat down in

An empty hour passed flut then slowly little by little, the desire to live cook back beat His chest still numbed to a lew hours -- whatever else might happen -- he

roused him from healthoughts. Any day now, he thought, the sole would wear through mediat of heat, naked and lonely man still sitting equantly in the sunight The other looked very old and weary A Menme of puldoor living had prior dark-

age and general debility had paled and bones of his face seemed unnaturally large under the thin mask of pid skin. A white cheeks. He did not move but his chest shired slowly under his heavy offected

silvit its colors—like tirs—grayed by time Merlin loaned toward the man, at which

Leave me be said the other without opening his eyes

They all together it was not much but Meran's racking longingss had eased pause it was as if he were so far off that the strund of Methr's yours took name time to

Til never lind my wife now' said Merin. about it. There was no one else to tell and

landed on the pocket of the old man s checked shert it stayed there resting with You see "Merin word on There s noth-

Tody Tre said loudly "there a no place to Get of the Earth," said the old man. If

Morin sot back. The artvancing our had





were able to devise and build Still they could be seen as obvious frauds when closely inspected by any humania "Only twenty-rene accounted for?" the supervisor of Defense demanded sharply ng intently through the semiransparent in formation someo before him into space The nearby bulk of Earth was annoted in the dun-brown of detensive force fields. The

Only beenty-nine. The answer arrived on the flagship's bridge amid a sharp aputcontinued. 'And it's guite certain now that

Those was no reply All of Earth's detensive forces were still trry no more than an attempt at inhitration and seemed to have been thoroughly recrything that lived and the greatest danger

A small blur lesped over Earth's dunbrown limb, burtling along on a course that would bring it within a few hundred kilometers of the supervisor's craft. This was Power Station One, a tamed black hole, in the planet drew from it half their needed energy Station One was visible to the eye

Another report was coming in "We are searching space for the missing burserkor You had damned well better be " The infitrating enemy craft had padded contemers for thirty androids, as shown by computer analysis of its debns. We must

Life and death were in the supervisor's torses. In these any possibility that the mass-Negative, Supervisor There was a strong pause. "At least we know it did not "Our time? What does that mean, babbler? How sould the

The Nisck hole flashed by Not maly tarried though that was a reassuring word. and humans spoiled it frequently Just hannessed more or less. Suppose-and, given the location of the akinmish, the supposition was not unlikely - that becoming android number

dest of combat, directly at Station One. It could easily have entered the black hole concervably have survived to reemerge rehole as its own tangible image in a burst of virtual-particle radiation Theory dictated that in such a case the

ers murderous machines themselves, reamergence must take place before the failing in. The supervisor crisioly issued on ders. At once his computers on the world below the Earth Defense Conglomorate took up the problem, giving it frighest prof-

Earth? Probably not much But to the supervisor, and to those who worked for ple of Earth's safety had been hombly pro-

machines eleven mirrules "Number thirty did go into the black hole. or Nother we not the enemy good very well have toressen such a result, but..." What is the probability that the android Because of the peculiar angle at which

a proceed approximately sofy-rise per-That high 'And there is a forty-nine-percent

& He blinked away some London rain, pulled

out his heavy ticking timepiece as if he were checking the hour and stood on the

pavement ... like a man waiting for a friend 9

earth in functional good from at some point measurance. As the enemy device must have been programmed for some subtle attack upon our present society it is not eith to sparrab flourn ob of wide ad or vine

Your skull contains a vacuum of a truly interpalactic order I will tell you and the computers when it has become possible massurance. Moonwhile, get me more figume."

twenty minutes later 'There is a ninety-two-percent chance face, it that occurred was within one hundred kilometers of fifty-one degrees always missage north latitude, zero degrees seven minutes west langitude And the time?

"Ninety-pinht-percent probability of January 1, 1890 Christian Era, plus or minus two standard years presented to the supervisor on his screen Reportmended course of action?

a fulf to answer that The first two volunteers perished in all tempted launchings before the method

could be improved enough to offer a reasociable chance of survival. When the third man was ready he'was called in, just belose launching, for a last private meeting The supervisor looked him up and down taking in his outlandish dress strange

harstyle and all the risk. He did not ask whether the volunteer was ready but began blumy "It has now been confirmed that whether you win or lose back there, you will never be able to return to your own time " fos, ser I had essurred that would be the

Very well. The supervisor consulted data spread before him. We are still uncortan as to suit how the enemy is asked Something subtile doubtless guitable for a saboreur on the earth of our own time-in accesion of pourse to the superhuman physical strength and speed you must exthe switching mindbeams to be considered either could damage any human society. There are the patient bombs, designed to disable our defense computers by gooding them with random information These are shown possiblition of biological warters. You have your disquised medical kt? Yes, I see And of course there is a leavy a

the chance of something new " "ros sir" The volunteer looked as ready him opening his arms for a rhual favowell

He blinked away some London rain. pulled out his heavy licking timepiece as if he were chucking the hour and stood on were willing for a friend. The instrument in ton in addition to its ticking, and this special record had now teven on a character that meant the enemy machine was very near to him. It was probably within a radius of lifty meters A poster on the food of the theater read.

THE IMPROVED AUTOMATON CHESS PLAYER

"The real problem six," proclaimed one syntamed man nearby in corversation with another," is not whether a machine can be made to sen at chess, but whether & mov-No, that is not the rest problem, air, the apart from the future thought. But course

He bought a ticket and went in, taking a seat. When a strable audience had gathered there was a short lecture by a short man in everying divise, who had something predatory about him and also some thing frightened despite the gibness and The orleansed humor of his talk.
All length the cheep dapper itself appeared it was a desided bot with a figure aboard or him of the whole assembly wheeled out on stage by assistants. The higher was that of a flage man in furnish gath. Outle obscuptly a manneagan or a during of sector lead, it bothed shiptly withthe metion of the rolling disek, to which in chair was freed. Now the apert could feel the excellent wheeled him of the washing a hand into its power.

out was posting a hand is so his social.

The predictory man cracked another post of the predictory man cracked another pile distinguished in factors arrived the predictory man cracked another pile distinguished in factors arrived the received the reset that national characteristics are seen than the selected one to challenge the suboration. The dhallenger accorded to the steps, where they precise were being set out on a beginn distinguished.

were being set out on a board fastistied to her refing steek and the doors in the tond of he deak were being opened to show that here was nothing but machinely inside. The agent noted that there were no mail of Modized's check playing the were no that of Modized's check playing the deservor that of Modized's check playing the december sincer traud, of course Caradia had been a climer traud, of course Caradia had been activer traud, of course Caradia had been as

before tasked in substitution has open as there it takes on course Carabin hard been regional to course Carabin hard been regional to the carabin herefold by the regional to the carabin hard to the regional to the carabin hard to the same the dummy geen. The year market he again had arrived was still be seen the horewhole to the terminal hard to see how do do the highly of such in shaden human to use Add the facilitatines of sees players would be himself to that the description opportunity as developed to the carabin hard to the carabin hard to course a portly safe deduction than no carries a portly safe deduction than to carries a portly safe deduction than to

box and house on this major.

The signet might, if he stood up in the austrona region and the first major and the subsection give a clear shot at 6 right now. But straight on am of the figure or the took?

And he could not be sure how it was armed. And who would also in the time d and failed?

Alteraby it has been de may be supply to buy you in the took.

Amency is not reamed enough to surviva in resementing contruly. London. Probably is had already killed, to further as designs— London new management? Included. No now that he hald located his enough, he muse plan throughly and work palantily. Deep in thought, he left the theater amd the crowd as the conclusion of the perior marros and started on foot back. To the

Baker Street A minor difficulty is his launering into the black hole had cost firm some equipment including most of his counterfet money therehad not been firm as yet for his adopted profession to bring him much income as he was for the time.

being in straitened financial evoursstances.

He must plan. Suppose now that he were to approach the flightened little man in evening doess. By now that one ought on hise boosain to understand what land of a

have begun to understand what land of a tiger he was noting. The agent neight approach him is the guise of— A sudden tap-tapping began in the

agent a water pooles. It was a signal quality to defend from may been owly generated by lens take water it man the servery was a signal to detect the detection in was in less to be decided for dear the detection in was in less to be decided for the and indicating. Several mingrade with the decide on the agents face as the began to run. It must have been as the began to run. It must have been as the began to run. It must be the decided from the face of the decided of the man angle is into out in the conself, heading horse demand above out of Oldstor Street to Baker Street and in street of the size was for the processing the size of the decided of the size of

pot or seving body out of a chase and put lang them on shallows.

I say the agent began in mengled relef and superity, something rather important has come up and I had there are two or mode in must understate all once Mght I mode one of them on you?

The agent so on biss ermand look remino turther than your across the street. There in the doodway of Camban House his shreet.

moved which their missions later them against new to a read-off orms the disopsion of Chodol Blacet in late figures that the agent surpected when the continues to the continues against a continues of the continues against the continues of burdlaget. Across the across in backets between the continues against the continues of seemed to control to proceed which the count than burnod to may the ball Had the against them absolutely such a was the spartly the visibility had within in the back.

After a moment is quasicoring from the landary the liquid was admitted. The agent wasted for two monitors. Then he daw a deep breach gathered up his courage and west affer.

The thing standard alone at a window turned to tace him as the entered the string coordinate has the coordinate of the first thing turned to the thing standard to the stand

The eyes above the bandaged lower face were not the flux's eyes, but they were not burson within a flux or the same that the water flux are the doubte?

Alth it is my tellow lodger that you want. The agent three is careless glares olward the deak where he had locked up the

watch, the deak on which some papers bearing his proximates name were scaltered. He is out at the moreon is ayou see but we can separch im presently. I take in you are a patient. The thing said in na wrong vision. Theve been referred to him it seems the doctor.

Exposers research and the second and description the second and description that secon

control in the contro

his own loft arment

owen the agent never learned. The bell

door and a moment later his roommete's

took a small object from its pocket and

sidesteoped a little to get a clear view past

with the casual purpose of greeting the

Turning his back upon the enemy as if

For a human being he was uncarrely

meanly slow and clumpy being designed

weapons inggered at the same instant

wayes poper wood manage with the good had The man and standing need the door had to unit hand to shady man of against the good wash. It is markered dawnly wash. It is markered dawnly an jorkes thought because with it came a slow maximum or of the prote of his success the maximum of the prote of his success Those guarantee of his reference of least were good. The support perform the train-cell good. The support perform the strain-cell commonly accounted. No No sostitived commonly accounted to No No sostitived.

somewhere faither down its pothway News behind those gay eyes with their newly poentriating gaze. Chavassily senting me out for your worth was a nuce. Has occimized share in had bean. "Also I postow that your deak hay just been troken into by pomerone why thought it mine." The pone softened somewar. "One men I bear you not lied. Thus sected, if hoscopies shall be eith But it is faint that you lied not will also have episidean that you lied not will also have episi-

serted yourself to be
The agent get to his feet, puring at his singly hair bying despetately to think

How - how do you know?

"How - how do you know?

"Bernertary! the tall man snapped DO

THE ROCKS THAT MOVED

Who would believe that the rocks not only moved but had a goal in mind?

BY JOHN KEEFAUVER

hen od Kirkly Necon
come into team that first
who would likel that I reduce
boulded— when made made
her own out in the service, modody of
course, believed in word of it.
Everybody know Kirkly was a little
furny in the head But, as it furned
out, it wasn't not published he whole

Inwr was talking spout those mowing rocks. That first day though, Kirby couldn't even out anybody into her old pickup to take out to where he said-tragging about it-they were moving He was proud of those samplified he knew they were going to do all glong -- not that held actually seen them move. He was very careful to say that he'd only soon that they had moved from one glace to another as if wo'd be more had happened, he claimed. He said he could tell they'd changed positros because brid marked some of the spoke with a chalk and then walked off the distance to where he'd driven a stick in the ground. When he checked the rocks a few days afterward, they'd moved He showed how he'd done 6, page he finally got Burt Kolodzie and Fred

Knots out those after they digot sed of latering to his every time he came into fown Kitoy know that if Burt and Fred ead those nocks were moving, elementy body by God, would know they were Problem with Burt and Fred.

PalmTing BY

DE ES SCHWERTBERGER

sean where the rocks had been before and so them was no way they could maily tell if that Kirby had put on them, and they saw erybody knew would be the case in this part of Texas Others wasn't any hill for the course how buy the rocks were each of them weighing at least a few hundred pounds. But what they couldn't see were which want unusual though seeing as how the wind was almost foeyer blowing rained the day before this being the rainy

though, to do their own marking with the chair-wating their inflats on the rocksand walleng off the distance to the stack he'd put in the ground. He had them dig couldn't be accused of moving it on frem from he said held being them on back to postions. They did all this and said they'd corne báck máyba to humor fem, mayba way convincing when he was tallying about his communing with Nature ' as he calls it that old fürby thought the rocks were moving because Nature was fed up with being termonard with by men and their atom and that she was showno her anger by

were moving or not was secondary to the fact that the rocks were there in the first place, which was actually the biopest part arryway Ordinarry in this part of the country dozen or so grouped together All you'd see were meagure and cactus and maybe February when 6 rained, and with the world ing steyed still unless it was hed down not

back to the place - it was about there or so nowhere—the next time Ketry told frem the rocks had moved. Kirby lived someplace shack was He dign't want any waters interlering with his communing with Lady Na-

old Kirby came into town and told the two of

out there Burt and Fred west, along with some others and as Burt was to say the moved-one of them in fact about two hundred feet, and it must have weighed close to two bundred pounds. And this time he and Fred could see the tracks the boul-

ders had made because there had been in rain so heavy before the rocks had moved. enough to blow away the tracks-any tracks. Tire tracks of Kirby's rock-pushing cal jokers doing the pushing. Because you Kirby good have pushed by harried by hand, in fact, as old and scrawny as Kirby was, he could hardly push a mertile not gider he got ... In other words the only There were about a dozen of them, all weighing into the hundreds of pounds, and

 ○ Old Kirby thought the rocks were moving because Nature was fed up with being tampered with by men and their

atom bombs and going to the moon and all that, and that she was showng her anger by Baxing her rocky muscles. *

Well, now, when Burt and Fred got back to town and told it around that rocks were ferent reaction from old Kirby's telling it, you kids, either People believed them and most everybody warted to see for them serves but by then t was too late in the day

heard how most everybody was planning to go gut and see his moving rocks in the morrang, he got mad. Leave them rocks body's gorna get hurt out there if you Some, making light of it, asked him if he thought the rocks would sump on them. He out madder at that "If you don't wint no Webacher asked him (She's been the

three years ago of gout) Because I dign't know then what I know now!" Nitroy soud, getting even meddar

What's that? But Kirby wasn't saying. He jumped into he battered pickup and bounced out of

It wasn't long before Ed Furrow who runs a weekly paper over in Giroy game nosing bons and trying to find Kirby in town. Kirby wasn't to be found though So Ed and Burt me went on out to the moving-rocks place did and being of a suspicious nature anyway didn't believe that the rocks had Kirby but Kirby wasn't to be seen there. ether and of course. We I say notody

So the next issue of Ed's paper had a front-page picture story about "Moving Rocks Puzzle Progress | which is the name of our town, not that there's any progress going on, in my opinion. All of it was written up in a tongue-in-chesik way and that was how it was frequed, too, a day or so later in the Houston paper, which had sent a reporter and photographer to the place after they read the story in Ed's paper I guess That in turn, led to a geologist driving out from the space center there in a few days. happerang just after weld started bringing some peologists at the center.

The manager dign't below it other as you might magine—at first, anyway that he del decide to do his own tests. He made his own markings on the rocks-- chapped the boulders- and measured their distance from each other and then took some proing gadget he had and then said they were unless you used some big mechanical mover, which would give itself away by least ing up the land

back, and maybe we wouldn't have known place. He didn't trink he could find it himself. When he and Fired and some others This evering Kirby came on into town. got there, including me, you could tell right weren't any tracks to see -- some of them hundreds of feet. And somebody most likely Kirby everybody Trought, had fried to cover up the chipped out markings the geologist had made by slapping some on ment on the scars. Kirby still wasn't to be seen, though. Nobody had seen him in

fact since the day held shown Burt and Fred the rocks, which wasn't unusual, con-Well this geologist measured the distence the rocks had moved and looked at a

lations and used more gadgets. When he had tirished, he told us that the wind was here pivity strong," he said after saying that the tricks were actually in a dry take bed so shallow you dinever know it. We had When the surface cets set from run, the ground gets extremely slick, and when conditions are just note, movement oc-

Well, some believed him and some dich't, and, as you diexpect, among those

moving the rocks "Whole funds through

Just as everybody was getting into cars and trucks to go back to fown. Kirby carrie gunning up in his beet-up pickup. He stopped and started yelling and quesing NASA sign on the side of the geologist's brand-new white truck

Get the goodsmin hell out of hare!" he fards can lear up the moon and Mars and ain't supposed to be, but you leave these

"But set" the peologist said, turning bothered these rocks. We haven't moved Word and rant? old Ketsy mared. Wind and rain! Nature is doing it! He was pointrig into the sky. Naturel Godf.

have shot the man right there. As it was, he suddenly ran toward his truck, and everybody one out of there fast. When we looked back he sure arough had his old rifle in

I furned out. But we did see that the rocks moved most every time 4 rained (we seen was blowing hard, just like the geologist

rection the wind was blowing. Still it was herd for us to believe that wood and can But, srike Keby we never thought God

was dono d We began to wonder though as time and saw that the rocks had moved a lot more than they ever hed before. Although there was a wind it wasn't a narroularly strong wind. It had rained just before, though This happened more than once. More and more we'd go out there end dis-

heliuva distance with hardly any wind. Fifor at least a week and the wind hadn't arrounted to a dame thing And this was the biggest rock-a monster, big-enough

distance in such a short time, and I say short time because it just so happened that I saw the movement the boulders had Also, it seemed that the rocks-all of

them-were getting begger OI course I thought this was my eyes or imagnistion But when I got Burt and Fred to go out there with me in a low days, they thought the

Another thang. There were more rocks moving now. We were positive of that behad just appeared out of nowhere. It looked

Then the strangestiting of all happened We werk out there one day after aid boon

on them-hundreds of houlders, maybe thousands

with more comma from either side all the time.

bearing in the same direction. straight toward Progreso! .

three quarters of a mile, we were sure of tracks weren't blown over by sand, esgeciefy flow made by the bay rocks, and deed that there didn't have to be any rainsoftened around to show them up. Rig. deep grooves! But what I'm getting at is this. All the

rocks had changed direction. They were they had been for morths-against the When we phoned the geologist at the apace center he said he'd meet us et the site the following day

meet the man, the rooks were pone. Not a single one envelope. They hadn't been gone long, though, because we could still see their tracks leading off in the dry soil and there was a very stiff wind that day The rocks were heading right into it

We got in Burt's four-wheel-drive and started after them. We tigured the boulders had gone maybe set out of our sight, and and the rocks easily enough by following

any rocks and Burt started giving the truck more cas until we were comp along at a roof because, of course, we weren I follow

no any road. It was all description for miles beyond A good len or fifteen minutes lot more. New ones came in from either side. Then we becan to hear e strange sound at about the same time we saw what appeared to be a cloud of dust shead. As the size of the cloud prew the sound began getting louder-a rumbing a crashing he ground began to shake

In less than a minute we saw them, or at the truck even more gas, we could see more of the dozens of boulders making up though we were now traveling at about forty miles an hous we were just barely gazzing on them-hundreds of boulders, maybe thousands: with more coming from either side all the time, all monsters, all heading in

straight toward Progress/ Burt' who was driving, must have thought the same thing I did at the same time, because as I yelled. "Let's get on the road? he had already started to why the pickup to the left toward the road into Progreen, the spealbeing that we might reach warring But even before we were hullway

to the road, we could see that the rocks dry for a long time-we were getting into wass over the highway and beyond as far as March now The rocks-there were now And then a homble thought made me bearing down on us, huge, reming night for turn right and speed up

He did. But now the rocks ahead of us were rolling foster lenving us, while the ones behind were geining. In minutes we would be crushed flatter then a couple of Then, as if on command, the direction of the boulders changed, both those in front of

us and those befind. They begen to split some to the north, going to the left. April I reelized what was heppening. They were going around Progress, and in the propess he town was saved because the rocks had a

different purpose in mind. On the far side of Progreso, though, they ponverned (we would learn), and without ever changing direction again they headed directly, ever faster and growing more monstrought every mile, toward the space cen-

ter in Houston DO



THE VACUUM-PACKED PICNIC

BY RICK GAUGER

A sine approached my crowded ready room with her teapup in her hand. I felt an uses coming over me. I had an urge to bite her -- on the amouth wory neck, which close fitting profits vacuum sut Maybe it was the way she jangled all those pockers, tubes, clipboards, and made her way through the mob lowerd me. The typical space profit a swapper - but female Maybe cwas the merry brown eyes and the humorous twest of her light ass "You re Captain Scarez aren't you?"

"Neith My frends dat me..." Pancho Right? "Rapid I hope you's one of my frends. I said, my flourable to I wagy my securely Ward date of whee Pd ever had it seemed to be multial. She studed me secupodly while har less

I said "Surely we've never met ballow. I know I'm pretty absent-minded but "Your thend Anurs Petman told me about you. I met him on the polar sky station. He lithought is knould look you up.

PAINTING BY LUDEK PESEK probably offer to keep me amused You were highly recommended

whether you re still keeping the CO, high in your spacecraft Me-support system instead of doing the regulation aerobic overoses the way you re supposed to

agency is monitoring my life-support sys-"Crambit I prefer Stacy, however," After a course trip askert. Well are you? Not anymore i don't want to be grounded again. I'll do my exercises like a

are you poing to arruse me? This is the first time I've been on the moon. I don't have anything to do until the passenger shuttle begins its preflight countdown formorous An opening big enough to drive a truck

into I had to think of something, inmediately. That would capture her imagingblack hear into her chapnon as my mend picture? With me," I said, blurling out the

It a not far, and a short well from the base Har reaction was everything i could have open a little "You w ladding. An outdoor we have come up with here on the moon Gers us away from the madding around A

greatives the hills, some rice rock colors. Perfect time of the month for it, foo Bridges were flaming behind me. Why do I bly rather not go to the trouble. Yours Her mandement stronger on her face. Has eyes began to twinkle. Oh not I wouldn't

mas this for anything! she excuerned. A was right about you. Pancho "Aw." I mumbled standing up and giving her my boysh grin. Just leave it all to me Most me at Hatch Seven-Charleanyone can bell you where if is-so ben and bring a fully charged backpack I'll taken came of the rend I have to make a

Her smile followed me across the ready room as I made my way to the hopper dock. I waved goodbye before turning into the correins. Male residents of the base who happened to be in the roady room watched

all this enviously. They didn't see the grimace that appeared on my face as soon as I was out of sight. I had really sumped into if with both feet this time Well the business I had banded her

when I gotto West Limb. He said you would about a picnic wasn't one-hundredbeen on a picnic on the moon before, but the West Limb resilectual elite (my pals guite a while. We regarded our project as a

noble pronsering effort, an expansion of man's capability in the space environment. but marriy as a way to get some privacy with our female colleagues. The base at suburb that it is loday. In those days it was more like a trig looker room on the moon, a which reisked of old socks and new paint We all lived in this warren like so many ratis ions, while the permanent residents were

away from one another. Life on the old high franker was rough yes, sur! Unfortunately, plans for outings & days: yet One of my friends had analyzed the

of stolen computer time he had determined which gress on the lunar surface envaled West Limb could be inhabited by a length of time in a standard vacuumoblain a combinable shirt-sleeves-or less You know what survival tonly are. They re-

what's inside those emergency boxes you see everywhere on the moon. Buggies several small ones under the bed in your hotel room. Solo prospectors and other they gen't get to any other pressurized sholter. They climb into a tent, seal the opening, and inflate 6 with their reserve as

The tents blow up into a transparent plastic be. The old-irmors say they're for leaks Anyway the most important element of my friends analysis was the temperature

coming through the plastic would be rightime would be a glacial and gloomy experience, to say the least. No what we of the main trade A flat sharty snot on a slope facing a sunit landscape, with an

The computer in my frield's office, properly (and flegally) stoked, coughed up a number of map overleys, one for each standard day in the lunar morth, showno

area around West Limb III was a brilliant That afternoon my nocket hopper was scheduled to hauf a load of hung-over engineers back to Polar Solar from their monthly spree at Crymalds, and we had to make a lot of local typs, too. I let my copilor West Limb hopper pad, I compared the map with the territory for is it funtory? round about By putting time. I had

selected a promising rock field a short distwice forth of the base. It all segmed so That night I cashed in on the accumulated favors that people on the base owed charge of my vacuum-aut backpack, and barrowed two one-man vacuum-survival tents. I arranged for an sirtight case pecked with cold chicken, potato saladi cole staw, some vegetables, a fresh loaf of and two bottles of Boordy Vineyards' vin those days, but the pigs ate and drank well The cafetons manager had heard numors. He drew the into a corner of the histhen looked around carefully, and

"Suarcz" he said confidentially, "what non-you up to? I music, sostly?" "Postner." I said, "a perfloman who is enturned-" "No. I mean really. No locating in #---You got 4. It's a technical operation Scrretting new'l sied leening back at him holing at me. It doesn't do to antegorize the cafetens manager, or to tell fem gry-

these either I word to bed early ther evening Lucky for me. it was my turn in the 6/37A33 Stacy Crambitt was waiting for me at the hatch when I got there at ten hours. All the surrang around and plotting I had done had seemed a little scothd to me. I quest But the way she looked standing there

cool and amused in her fallor-made. turrescent prix prior's vacuum suit, made "Everything set?" she asked "Not quite yet." I said putting my load of into the airlock. For once there wasn't anyby the arms and draw her close to mo

I'm setting your sut radio on my private channel " I saud. She looked at my face as I delicate perfume rose from her collar ring You have non even she said 'Now Nonsonse After you We stepped the fire arlock and work

The sun was glaring in the west. The structimes scattered on the surface extended inky shadows across the rufted pockmarked ground. As we walked, Staby shelmet swiveled. She was taking in the torn-up ground, the ginting litter of aluminum scraps and shards the awkward "If a not very pretty," I said

The human race takes its mess with a everywhere it goes" she said Besides, it is not all like this. This is a little

one has ever set foot. Give it a change." I Okay," she said, looking at me. I couldn't see her face through her mirrored sun visor, but I felt her squeeze my hand.

hiked out of year over the first nage north of the base. There were undoubtedly to fundred people peeking at us from the windows of the base buildings. I was kinother was write with green and orange

Stripes and the words FLERZAS AAMADAS OF boulder-shown slopes of Hevelue Crater overlooking the flat Occarus to our nate I the tallest boulders reflected a lot of sun-

blackbody thermometer regulatered in the mode teens. The map supplied by my computer-pushing pai was proving remerkably reliable You know it's not set all gray black.

and white. Many send I can see all lengts. at subtle colors. Look at that greenish Most people can't see those things until they've been on the moon for a year or more Most don't care. There's a lot of the eye the way a does back on Earth God have to have some falent and sensitivity." I

Stacy was having a good time in the lowgravity, bounding around my set I went

"Look at that," she said. "That dust setlot of hours in space, builties is the hist time.

"Not mally." I provered. "I never scally ing new things to look at " I stopped sud-

As she berriover, I pointed out a circular pattern in the chall in the center of the drawn them in the dust with a fine neede. dime. There were also concernic arcs in

the pattern I had discovered I call them dust flowers." I said "Don't touch it. (If fall agent if you do. A hand of

the micrometeorite struck, and the pattern traveling in the dust. My friend says they can form only on this kind of fine-dust surface. He's writing a paper about 6.

I frime they're dust flowers. We'll proba-Osrefully " Lef's keep our eyes open

We started off anne, passing among

shartered heaps of rocks and skirting Stacy said "You know, it seems out to on the ground around here. I thought the

differentiated - no wind or water to sort it out into particles of varying sizes, and so

There exist "I said "Somebook's not

We marched along in silence. I kept look-

After a white Stacy and I emerged, so to speak from a forest of boulders with a clearing. The spene was extraordinary reover the flatjands. A nearly full Earth hung Starry was superimpressed. She ust

stood there and said. Glonous Gionous II really is " She turned to me. No one olse Con't see any footprints do you? I wi been sawing it for someone special

Let's get out of these suits and have some lanch "Least. "I'm staneng round, surrounded by a complicated, florpressing their door gaskets together. The

I held up the entrance of one of the tents



These funding cultiegks have been murder on our simulator training progra

seeled the two tores together That looks airtight," I said "Lef's see have to call d off and go back to the base That would be membable, 'Stacy sast, poking me playfully in the backside I opened the valve on the air bottle. The terns samed like living things, then bei-

locned into a pair of dome shapes It's like being inside a waterbed mat tryss " Stacy remarked 'Or two julylish lessing ' I answered. watching the other tent through the trans-Stacy began to spread the blankets on the tert floor. Why did we being two bents?"

For storage. When we take our suits off (The like having two extra people in here So long as they don't want any lunch Did you notice what's happening to the blankets? she asked, holding up a properly off handful. Look tilke years and

surright even't good for wool They were petting protty worn out anypered to the clew that was in the lent al-Howe the inflation going?" she said Looks oksy so fat." I arrowered The two come rigid. The air temperature had leveled off at twenty-free degrees conti-

sheety of an alone two handred thenson milibars Can we take of our soits now?" Let me go first. I said. Cautiously I ro speed the leaders area on my will coller Notived happened So Legrowed my het-

cheeks I could feel the sheery wernth of it's great," I said discorrecting my backpack hoses Scon we were both shucking ourselves out of our vacuum

In her long others, Stacy looked like a tax-free million. She serroved her inner gioves and socks and sal, twidding her toes at me and smang. I gathered up our suits, beimets, and boots and passed them other tent. That made enough from in our my hardmark with up and showed Starry's through the doorway into the other tent with prouphed like a porrened alley call glaring

"All rights," I said unlatching the food centainer. "tuncheon is served at noon. under the stars. We have chicken, cold. matoes, and chilis Have a class of this good soné my dear Captein Crambiti. poured some wine into our glasses. Then I dished up big platefuls of everything. We by down together on the blankets, resting our backs on my backback. Pancho this is delicious. Stacy mum-

"m so glad he's not here now." I licked it Crouching on my knoes. I carefully After two hours I was feeled pleasantly traft around the middle. Stacy was pouring retils for us from our second bottle. The amosphere in the tent was trooked. The brilliant earth, blazing cobell furquoise. and white shore down on us. We lay hips

touching. Stacy a head on my shoulder I saised my glass to the home-planet looking at us right now. Here's looking at them." My speech was only a liffle slurred. They can't see us." Stacy whispered. forshed har wine. We're in the new moon

phase right now I turned to her and said "Well here's looking at you, anyway," and, what the hell, I keeped her on the mouth. She keeped me beck clutching at my neck Well, I never kiss and tell, but I will say that Stacy and I peeled each other out of and our long johns into the other tent with the other stuff. Intrased from the ground naked bodies, but if was nothing com-

Stacy aprend herself on the plankets and hesitated at this point. I was, after all, an old space hand, and the open doorway lead-There was no reason to worry about it, but open hatches of any kind hover in my

Don't go away." I said, resig to my knees. I found the tent's door, a first disk of Reachin transparent plants, indeed up in it corner I unscilled if and pressed its gasket On yes. And my own stuped fault, too. into place around the circumference of the "Well I shouldn't have pressured you Now I can give you the afternion you deserve, "I seed, and I embraced her Stocy

snuggled in my arms and gave me a kiss. I really was erecying every moment of this While Stacy was ficking the loces of my ears, we were interrupted by a strange noise. It sounded like a sudden release of steem. The total silence of the lange mounduring the afternoon, and this sincaring sound made us leap of the floor. There was with it, hope for respue, and herve a good. disentangled our arms and legs. I

noticed Stacy was staring google-eyed at "Holy Mother of God." I morned The other test, the one with our staff in & had air had escaped, and now the other tent

was hing collapsed over our suits our helmets our boots our underwest the food container. Stacy's backpack, the dirty. distres. All of it was out there in the clean. frosh vacuum i had been tallenn eivert. We-

were left buck naked in the tent, with nothing but the blankets and my backpack Wel." she finally said in a small voice. There was only one reason we weren't already deed of explosive decompression my vacuum suk and helmet less than a

of the tent I studied Stacy's backpack A little red tag was sticking out of the airregulator competenent. For some reason the safety on her air bottle had blown, allowing the bottle to vent freely in the scaled slorage tent lost its pressure suddenly, if it bly would have flown away like a released balloon. Our own terr, was holding air suff. fine although the plastic door was builging outward unnervingly I dragged my backpack toward me and

most, of reserve as and CO, absorption The arm's length of vacuum that separated us from the radios in our helmets might as well have been millions of idlomators. Our ass was really in a sing, and my face must ve shown it as I horized up from the backpack Stacy covered my hand with here. As perm and beautiful as an angel, she said to

Guilt replaced tenor in my wretched soul "Nino." I said "We're not deed yet the changes of anybody finding us out here

you benging me out here. She said 'Don't say that Stacy I always think I know what I'm dome " Don't / ever! By this tree she was holding me, stroigne me. These I was lower than a cratter's bottom. and alw was trying to comfort me The sky giver our heads was black. The stars were westing to see what I could come spwith. Whenever welds, we it have to do it

"Orny two. The first one is, we say the hell "Forget f. The other idea is to open the entrance of our tent and try to grab one of the helmets before the decompression kills

Now I'm really not up to it Nothing to it. You get the helmet and averal the door. Heliculal the air from your harknack reserve bottle to repressurize

our test. One, two, three. Then we radio for help." fast enough We could wrap ourselves in strips of blanket, murry-style really light to pre-

'Yep. My compliments to Cooker and

commit suicide. If we can't think of anything else, well by it, all nob? Cleav she said constitution

vent embalism "

Besides, the blankets are falling apart." I said holding one up. The blankets had

were turning to shreds as we moved around in the tent died, arms around each other, like a pair of monkeys in a thunderstorm. Stacy had proposed, to chance letting the air out of our fort, was a long shot, but it was basically

couldn't face it right away. She was a better man than I was her more tightly, and she straightened up we clich t map for sightseeing and fooling around Between the rocks the ground a beach made of the ash instead of sand

We could do it barefooted I was beginning Sucy-

She responded with a loud sort. Then she said, 'Tim sony I thought I was being brown it's and such a clarry retten break -I said. When we get back to the base, you should turn me in for disciplinary

I d-definitely will Corrupting my morals.- " By this time lears were running

Listen. Stary there's another thing we can do. We can try to walk back to the and roll it along from the inside. We'll just leave all our say! here. There's enough for

She thought about it for a moment. Why not? she said, briefly. Even if the tentings and we depressurize, we won't be any worse off than we are now will we?

Let's do it " she said, arriogo up and pulling me to my feet I lifted up my backpack and hung it on my back tucking the dangling air and covinct bound unries one of the aboutter

straps. Stacy helped me adjust the harness

well on one aide of the tent, trying to tip it hands

Fry to shuffle your feet toward the edge of the floor." I said. The test slowly rolled downward as the tent floor filled upward The rim of the tent fallened on the ground. It was like standing inside a huge flat tire The floor of the tent was now a wall to my note Since it was no longer resting on the much as the dome roof on my left side. The on if to knock off the dust that stuck to its

off, but at least we could see through the "Okay" I asid "Luckly we're already facing the way we want to no. Story, stay close behind me. The idea is to step along carefully and make the terf roll like a wheel

Thope we don't have to make any sharp

weight on the plastic that curved up in front

ped in the dome and floor Abruptly the tent kinched forward. Stacy fell against me from behind. We both staggered, but we managed to keep the test upnohit What hynnened? I asked Stary over

my shoulder.

When I picked up my foot, the tent rolled said "If we want the tent to roll smoothly, I've got to take my trailing foot off the ing foot down on the plastic. We'll have to

march in step. I'll have to hold on to your backpack." Jesus Christi All right, forward, march Left, nohr, left, naht, left, right

his wheel webbling this way and that but never guite falling over. Whenever we came to one of the huge boulders we would walk a lefterto one side of the edge of the dome. forcing the tent to curve its path in that direction. Occasionally we had to stop and but the fact into reverse Generally. I followed the footparts we had made on our way to the pionic site, but as we name to more open county. I started takany graters more than a few meters across

I didn't cam to find out whether we could develop enough traction to climb up out of Things went better than 1d hoped. We moved deadly downfull with me still counting cardence until Story yelled at me to shull up

On and on we trundled the test my arches flamening in little craters, sharp little nocks jabbang my soles. As we tramped out of the dust area into coarser soil, I started wasn't a single damn thing I could do about riat at Stacy was custing under her breath walk on the stuff, but the effort threw Share

Evenifiwe had our boots with us I said we probably couldn't wear them in the than the ground outside does



"Me too There must be something going around"

I didn't have a watch, but we must been gone on that way about three hours. We left the boulders behind us, and the air grew chilly in the tent. If the ground health't been frostbite. The pocked fields of the moon were around us. It seemed as if we were less ash heap. My bare sian canged from At least 4's a nine cloudy day 1 Stacy

ing on

I wondered whether we could jump the tent over an obstacle if we had to I was taking bioper changes, leading us into un-West Limb along a more nearly straight line than the route we had taken to reach the As we got closer to the base, the sloping The sun began to peep among the undulat-

ing hills on our note horizon. When we came to the first ione along of surfight atonping on a hot griddle.

No. thank God. Will the tont plastic be able to stand the

hote? On sure It's designed for use on hotter surfaces than this But we'll need to protect We allowed the tent to topple over. Then

How far do we will have to go?' Stacy saked me as we bound our brused and blatered feet with since of distringuising

Less than a knometer. The base is right around the corner of that noise." Good to inspect the condition of our text. The After tying up our malesersh bookies, we

got the test up and rolling again. The reslowly than we had been propeeding. We was hell i feit as if I was being rossled in a borden. At each stopping place in the ing so we could as much as possible avoid running over rocks. The tent plastic was beginning to make little grackling noises with each step we took. I kept slopging away on my throbbing feet. Whetever was At last, the base buildings came in sight I never thought I could be so happy to see creard. "You see ther? We've almost there!

I couldn't see her behind me, but I pould

Yeah, said Stacy "Let skeep moving." "Don't stop now honey We're cetting there." I seed, despectly precing on There were no more sunit places to cross. I had to consider the problem of how to get inside the buildings. The guickest thing to do would be to head for the buggy hatch, the only arlock big enough to allow us to roll

prosched the buildings. Fortunately, if I be easy to get somebody to cycle the sehatch funs right under the picture window of the staff bar and lounce. My instructs tell

me it must be about Happy Hour now. The bar will be full of people. In the easy to atract their abention-

my Dackpack so hard that I almost fell What did you say?" she said frickly You expect me to walk in front of the

West Limb Base staff bar and lounge dur-

She had been carrying me

harrowno that it still gives me the croops just thinking about it. We were surburned salmon-pink, our feet were

bleeding, we were in deadly danger of just standing there .

Stacy' I said, turning to face her, we're lucky to be alve and-She burst mo team "I can't I worth" She had been carrying me through an orcleal so harrowing that it still gives me the oneps suit Pinlang about it. We were sunburred salmon-pric our feet were bleeding, we were in deadly danger just standing there. She had bolsteerd my morale and

crack in her bravery and her sense of humor I had seen during the whole temble brich might have raised his voice at that point but not I down My hands ran up her back, caressed

swam of what I was doing Stacy Stacy darling 1 choked You'll

be the most beautiful thing any of item has " popped it had always been the servicine We had finally sprung the dreeded leak! another story DO

of my backpack and whirled me around. I stilled the imputer to boil. "Double time!" I barked: "Leftinghtleftrighteftright!" We were lucky again. Though tog was forming in the tant, I could see that the buggy hasch stood wide open. This was in sabilities of home watch changings but I I be eternally grateful to whoever was responsible With me in front and Stacy cinoma behind, we bustled across the open space

I caucht a olympse of round every open panded animation. Porkner just happened to be tending the bar that mont. He later had ever heard in that place

Stacy and I ran into the a riock so fast than I got a black eye collding with the inside pounded at the arfack controls through the CLOSE button, the outer door clanged down

I staggered against the wall lighting the text. Stocy sat down hard on the floor We were both pasping for six I was about to say we had made it or words to thet effect, when I became aware of the sound of from burend the inner door The Happy

Hour stampede had ansved trance of the test and stepped out. Sho

bestard who-'Hoy! Suarra! You all nght?' it was Porkcornder from the bar to the buppy heigh. sumped out of the tent and palmed the lens We're all right. I said into the intercomgrile. We, ut we need some ciothes.

Aready taken pare of "Porkner's voice answered. "We've got a red light on the seriock penel but here. Will have to open Stroy and I stood to one side. After much

talk and crarking the hatch opened a profesing a couple of white tablecloths Blessed be the name of Porkner and I'll never major his spanner again Stary and I emerged discreetly togated

questions. There were some aly remerks past the picture window I always say that it's up to us pioneers to point the way toward, as it were

As for my relationable with Captain Crambits her goodbye lass at the shuttle next time I saw her she seked me whether I warried to on sking. We were on the north polar specap of Mars at the tyre, but that s

SCIENCE FICTION CHRVIVAL

aside the rules and had brought a yora

change pleasanties with them. After all it's

but how much do you maily know about tota As H G Wolfe code out it when a

Just because if may take a million or

No matter where you travel you really don't have much to fear from alien germs. case only shottly less than about beno

Alen criters-microscopic or masto-

Cristion We could have seved a its of

There are appropriate mident implice

THE MAN WHO WAS MARRIED TO SPACE AND TIME

them poetically and if did not lead him to become a professional burrow nort of effection, and in his last years, after his wife's him interested in science and science-liction at his life, kept him stating appropriatively into the distance and, lowerd the end kept of his disease. ing twisch is, after all the simplest way we measure both time.

And yet this humble humdrum nather metaphysical love was was exactly startled by the forciful auspeanon made, after his meted gway into space and time, that he had become "manned" And indeed old Guy Manning's disappearance old have an comp to get a drink of water) and walked gut of life, or at legal many from Maior we know it. Though in what chees on that would It was Joan Miles who made the fanciful "melting into space-

Guy Manning was in love with space and time all his - postel superstitions who had the distinction of living and keep not only during the months precision his mysterious, and lime by her personally-embellished lunar calendar in which all the full moons have names, not just the Harvest and Hunters. Otrosts and of course, the Lovers. By her calendar incidentally old Guy Manning disappeared on the right of the Murderers shalls across the sky low in the south, latest to also and earliest to

Jack Perrose, a restiese chap with a leen interest in both the

Then there was Mr Sarcander a sallow and lean-seved cirrosi rang had consulted him about his recurrent depressions, but alive, shockingly harsh in his evaluation of human motives, and they were excessorally burt when he applied such value sadaments to them or their heinds. Actually, however, Mr. Sarcander was harshest of all on himself, expending all his ophinism. flattery and cheerfainess on his patient-clients, reserving his hor-

Finally there was the amobile and tolerant Dr Lewisser. Manreng's medical doctor with whom he had something more than a These four persons had become mutually acquainted while



unserously addicted to astrology white witchcraft and other. Manning was still alive (undeappeared, rather) and after his PAINTING BY DON IMAN PLINICHATZ

push at all for that matter

(and we probably should) Mr Breen a hits of absentmindedness who was the

puzzing as he recalled more of the apar-I was up on the root." he said . Teben I

day-monts too-to check out the weather or the stars I remembered times.

unless you make a He look me up there even if you were locked out on the roof

Or Leweson emited to hemself thinking of

Meenwhile Joen Wiles was vauskzing

The pale tar-set gravel overhead by the light of the Murderers Moon. And a door then climbing inside. He wouldn't have more if it were going to be that eart of

casely-building flaggores clouds stars make them up and often look so much

vanishing they met a few times to talk. It is time. He had a geometric mind. Mr Sarcander anorted faintly Old their evesight, triang to prove to themselves that it is as good as ever - or even better

almost as if that were his appeals job and in shadowed porches. They watch

their minworlds to crumble it's the only popupation life has left them " Mr. Mannero " Joan murrared "be-

garre more and more immersed in distance And indeed that was a very far way of

small wory ruler he carried. When he took mounted. And always there were the vasitly noticed a shadow supply traveling across ing through the musty as a quarter-mile could by and huge extracevestral struc-

tures such as those coveraged in Arthur C might have become a collector and orded

ings But in the long run he was more drawn to the commoner and more ordinary moment of awareness (that wisi surface proposm and the macrocosmo and the slow arcling match across the sky of the

"His never cared for those new digital watches and clocks. Dr Lewison remarked respecially the loted that show a black empty face until you press a button spaced mirutes marked around the rim

Jack Penrose Wed his eyes "He once

man reminered. He was standing on this the illumination was general but he know he was in a desert. He could feel on his about five or six tight bity shakes to every one of his heartheats as if the earth beneath were quaking constantly These was vibrating plain extending out in all direc-

tions. He felt terribly lonely. mics away he judged - a squal lower of Then he noticed two rather thin dark wings ruting out from the lower for miles and miles -- an impossible ob of cartileyoung them in the far detance. And as he swung one and continued to watch it he oot the

scythe. He glanced down at his wrist to time the scythe's speed.... As he saw the rapidly around the pivery diel he realized Trapped under a wristwatch crystal

"He woke up feeling the watchband

you became more twate of tity pressures like that as you grew older" Jacks even him of another memory, one more difficult to

A wnstruction ticks five times a second

coins in different pockets according to their value. Then he appured the additional habit of reaching in and counting them by "A test of techte souty!" Mr Saroander

put in sharply. The elderly reessure them little tesks, so they won't have to think un-He had another habit involving small presented on Heid tread or been told by someone he ted me about from people have been this old down to the properties as the properties of the properties of

his position, and try to sear them out in such a way that the No sides consumed to bell ance without being symmetrical.

Anyone tracing him would have thought be was a closen different people. Jack interrupted nelected to be able to gin at

instription released to be date on girls at sometime.

He lode me about that too "Joan Meles said. "Evermaally he came to think of the matches as actors on a stage, with the matchibook oover their backdops," The titck was to toat them out so that you'd always have an effectively belamood stage."

Mr. Surveyshark or homes or brown his when Mr. Surveyshark or homes or brown his when the surveyshark or homes or brown his way.

Mr Bancandar sitroutage at mug food what through of such materities on cherader Dir Lewston Basmed forward. "But the storaged materials by first he said of creation small marriages half for his was when he gave up of loads for bodyparmon in their game you've constantly counting and yugging small worstone in your head constantly part made in your head constantly part made. If a way he heligger contacting the made is not part head produced by the heligible.

author you work within set, because them is note higher on a single de-. As he eightered it for me, "the declare continued incertinate his note that the declare continued incertinate his particular that the set of the standard was that he discrete the set if the backgarmon is much more the set let than chees at in chees you are operating an inclear to the set of the town and forces are known to you and where you control half of the pacces. You can make the most fire rescring and exhousts plans and noting control or their deplete pacces. You can make the most fire rescring and exhousts plans and noting control or their business of adversary.

nothing cartiugent their bit your adviserable. But in backgrown, third chance install the potage on each man, at levery showood, the data. There are no certificates and possibilities that cart is possibilities and protochiles. You cart in cart data man, and an in make your amengements as that whatever comes good or bad you can dear manning be deed for manning to be man, and a minimated. If it works you was growing more armitated. If it would not not consider the protocol is the protocol in the protocol i

beath and selfed back.

Manning once bold me of singler dream he shall be selfed back in "Ne was on the safety last Penerses backs in "Ne was on the safety lasts. But square soot that secred shortly last he had passaged a fittle last that a passaged a fittle last that a passaged a fittle last that he high. There was slote a wall of the same height that went acloss. Per middle of the soot studying it till a egual scription is a favor mit in dispent he representations.

in each other because the central wall was tholes with a crack down it made as when he had to cross over the wall—as he did several times in the desain moving hap soly—he was always stred there of be nothing of the other add or shall something it directly except the properties.

Inworings with a roay over data sha, biling wind that been impoule against a one, but enough light leaded up from the of streets for three to make out his sumeund on the streets for three to make out his sumeund on the streets with a sum of the street gay, undermed left unconnectable bush to the sam like a uniform—but with-

gay unform—at let unconstraint in any in a high part of the age of the second of the s

Interior of abortion a reight wider to any or ordinastrately got comfort or all least in ordinastrately got comfort or all least in learned monaged by advertiscutive serviceing at each other flavy at earned serviceing at each other flavy at earned pay under the common ordinastrately pay under the common ordinastrately in fall in fact—were waveing underties of a lighter shade or gray their pressure of the common ordinastrately when the learner than appear that early Most of the lines that spaces that early Most of the lines that spaces that early

still watching doch other closely he sugposed as he was doon Blurkery so other is cause of herm would stury class story he was and then suddenly head off again. For exit her budden or cross the certific wall had flurgh over it as seekly as he could always keeping is low posted. If struck her that there actions were is but lost trose of soldiers practicing to advance occase a bother limited maker course.

d biobsen field under enterly free
And sweep conce in a white field get the
consponenting uitge to do fewner. He'd
d creal as fest and inconsposuously as the
y could for see long as he felt free uitge. When it
with him he'd held sail whenever he happered to be allone or beside others. but
y always as close to the well as he could get
1. Tho per was the messed others he asset.

The induced that the dream address in lighter gay always moved in one described has often or later understand the others in dates understand salesys advarious in the opening described with the other address of sales of the sales and with the other address of the wall that if has deep the other against the wall that if has deep deem in ying to have the wall that if has deep the other address the wall that if has deep the other against the wall that if has deep the other against the wall that if has deep the other against the wall that if has deep the other against the wall that if has deep the other against the wall that if has deep the other against the wall that if has deep the other against the wall that if has a second the wall that if has a second the wall that if has a second the wall that the other that the wall the wall that the wall the wall that the wall the wall the wall that the wall the wal

Not whenever that did happen those wouldn't be any temble pein or shock such as the articipated but only a break in the degin a momentary blackout, after which he'd be back at the point where the cheam had started or near a and at the classifier and bentled droughing to do again in the wirdy well dishness and no conflict except sometimes a like uniformed faceless gay solder to chuch against shoulder to shoulder.

copt combines a like uniformed faceless gay exider to clauch against shoulder to shoulder. "It was only when he did at last made in all the way around and was hubbled drewn with all the drey caround and was hubbled drewn with all the other clash gap drawn soldman and they begin without warring to varieth two by her that he finally replaced he was part of a backgramming men being played with living feeling men. And as he wasted.

In support cracks and to be some of the own of the disease of the own of the disease of the dise

r rection from an application of cripal melt away into space lated John marrianced.

Senously Joan Jack asked her how could something like awareness melt seek into the marrian perfet?

Deepying has an assumest side, even for some else reality wouldn't Estance our. Manning once said that And I remember another their be teld rise—that is parson ought always to keep a packed subside hendy in case he were called away at short notice. Cryy Lotol I remainded whether he was it is showed his reason.

Will be the street of the str

light that rought have been Marring -- a teach agreemen coulding outse a time cap term when he be proclaims and a march book with he marches let in a potterer of the one side by the marring of the side of the march side of the side of the side of the march side of the side of the side of the page. We side of p

inst one adge like it was torn out of a spraid soletook I (thick if had writing on if larry of capitals." They looked around at each other for a while Then, as by common confortel they went up to the soot begather and watched the respond the Lones Mono which walks to the control of the control Mono which walks the control of the Control Mono which walks

with the next CO



STELLAR TECHNICIAN



D_{ark}

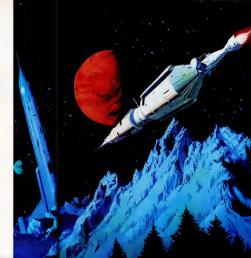
moody, and powerful, the paintings of Vincent Di Fate depict mechanical marvels and far frontiers

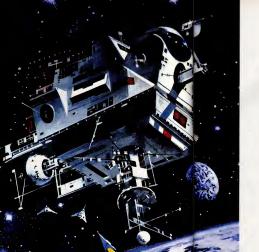
of a future technocracy built on complicated machinery

and human resourcefulness



"There is Wotsham behalf in the mystical powers of the medine" also D. False, who at thirty as a something of a grand out men in heapthy seasonated head of technological space and String misper of thirty preferences. West of the seasonate of the seasonate of the seasonate West of the seasonate of the seasonate of the seasonate points scored of west's winning booksystotic covers and magazine fluid land.









With bodd strokes and somber colors. Dil Fate sccenfs the powerful tools that will enable numerical to sesser its oil sensing in the unwest. Of space makes or increasingly dependent or bondering the state of the space makes or increasingly dependent on bondering their sessingly the state of the transfer of the space of the state of the space of the state of the space of the state of the space of the space

GRAVESIDE WATCH

The time capsule would be buried there — but who would dig it up again? And when?

BY FOWARD H GANDY

project page with the region of the region o

It was not in that late glass house on the adewalk. After a couple of minutes he was PAINTING BY CAGE WYLOR



perspiring and speculating about photosynthesis Dann Two days in this phone volets. They died today. She was telling the door, stepping back to try to calch some of the early evering breeze but the

Il buy a lost of bread and some wine. he cut in "What do you say?" After e polite

versation with some straight talk about sunlight and humidity Not to mention bugshand on the phone and did some more

morrow's bursal. After all, he had a notif to be proud of his efforts. He was only a feachput in for the grant, landed it, formed a capsule project. He even wrote up the press releases. Not to mention ficking the postage stamps—which he did. Hundreds

And there were other drawbacks. Use camping out on the top of Raven Hill tonight, to keep on eye on the tole. Not that aryone was going to steal £- the college. president had assured him with a smilebut behilds insurance rates distated the presence of a hole watcher. Trying to make the best of a bad squation. Frank had thought two hole watchers would believ

demonstrate a genuine hand-in-hand effort toward casualty prevention. More specrically it was a monteyouse to spend the right under the stars with Elaine He could just see her white skin glowing rolling naked in the posses, bits of straw and

in the magnioht, her softness contrasting with the ruggedness of the outdoors. He could see them slippingunto the lush forest. pebbles dinging briefly to her deservine fesh, which fluttered at the slightest touch. self to the universe next to an open grave did not sizzle when it hit the fire of other

Realty was no match against Frank's remarkable magneton Never was and never would be Even the psychiatrists had been unable to help. Frank had slopped seeing them long ago, but he was still pay-

Yeah, I understand. Maybe some other time Right Talk to you later" He slammed thought, as he jumped into his car with his camping oner Cut to the buck by a dead

Frank raced through town as if the world sal down and spoke without bottening to shouldn't be treating his Pontiac the this He downshifted to take the steep incline of

He finally stopped his car when the

the earth. Spirroung wheels grouping enpine ant struiders inde onivel rocking back and forth in a hole that gets deeper if was all too Freuthan. He would walk adle speculation, he retrinded himself as he shouldered his backpack. Always specutheir could run from the rational to the ndiculous in a flesh

air to clear his head and then walked up Although the hill was thick with trees there was a grassy clearing at the very top-

Frenk was almost there when, sudderly he smelled smoke. He looked up and noticed a light. It was the glow of a flickering pamplire. He moved to the side of the road and walked toward the extoe of the clearing. As he got closer he heard the cracking of the fire. Peering through a bush, he saw an old man in a tight yest and baggs pants bending over to pour himself a cup of coffee Frank gould see the open grave a

"Not five minutes ago I saw a snake glide into that bush you're hiding behind, son " Frank gargerly stepped and the open fushed out of the brush like a common

"Excuse me," said Frank, trying to acpear casual "But what are you doing

The old man looked away Frank's eyes followed his until they game upon a wagon, a medicine-show wegon Allerhers, attactsects, hung from a rusty hook at a corner of the old wapon. Frank could barely make out the dirrry lighted sign painted on one half projes, one made the other is o Wart some poffee son?"

Wha-7 "Coffee " He whistled sharply, and Frenk stepped back at the sound of movement under the wapon A German shepherd came trotting out. Frank thought the dog was beautiful even though it was quite dusty. The old man barged the side of the coffeend with a stick and the decluration into the back of the wagon. Moments later it

game out with a tin gup in its mouth and ran "Sit down son" He took the cup and filed it. What's your name? "Frank" he said, heatating "Frank Hen-

Well, I hope you like your ooffee black "Ah . weeh " Frank saw! sutton down rafter slowly and eyeing the man "Good Seperiorn's the name, and this is Plato "The dog raised its head at the sound of its name. Frank nockied to both of them



as Sepahorn handed him his coffee Sacehorn was an odd-looking man. His. deed. Frank would bet that the old man make if appear to be windy "Quite a hole, said Sagehorn gazing at

Yeah * Frank turned to look back at the wagon again, not sure of what to think. He his boyigh imagination noting intade him, giving to get out but not succeeding. Frank was too edgy in these strange surround.

"Did you come to see the buna!" he asked. "Most assuredly As soon as I heard about this time capsule. I packed in my show put my horse and wagon in a truck

Frank gave Sagehorn a cold look. "Burnbeg and beokpack. I might sak you the same question. He seemed offended "It seems that I've been elected to come uphere and throw a light on the hole. Make

drop out of sight in mig-stride "Yes, that would be a restly fall. right. But the time capsule will be there for a

Saneton aminet. Yes indeed I'm sure that will determine whether the capitule will

Wolf, we've taken a few steps to make

Nabbod a government grant Need I say more?' But Founk did for he never The canquie wasn't built in metal shop, he concluded after running through had in building something that could sur you for a frougend years

have been. What other stage have you taken to ensure its discovery? Sacretorn Frank looked up in time to see a shooting.

a boy But shooting stars even't really stars get brussed as badly. He looked at men certainly had one loot in the past with that wapper Question was Where was his other foot? "Wet," said Frank, "we've printed up. hundreds of small books. They describe the time capsule's location and ask that it got be goested until the year 2980. In fact, spert most of last week making them out to thranes all over the world. Even a few mgnastenes" He strugged "The time capsule will probably survive and be re-

'Well, if it is found and opened a

Frank concealed a smile behind his cuo

walked over to his wagon. Brushing by the

553 Well cup in hand. Frank wandered over to examine the old sign more closely but became defracted by the larram it re-

turned and took a deep breath, to clear his But it metrit work. Through a break in the of the unwursely. There was the officer of

Elaine walked down on the way to the campus-talling about their students, sharing the morning air And over there-three streets down just this side of the neon must be she park. No ... the golf course maybe no not buy enough

Senehorn swam back over the seat and scupping and nodded its relief. Just cut a small matal box.

Capsule's already full invention of ture does not require some sort of inven-

swried the coffee around in his cup "If a based upon a simple theory of time travel Lecture growt you know "He tugged at this west "Speak at colones

county fairs, outdoor festivals, and such Although I confess it's my gard Incks that "Well" said Frank, looking back over his shouldes "I think the wagon steel would Sagehorn didn't see the humor So Frank



cleased his throat to suppress the toble in his thoughts. They betweek all books to the grave and said cown. The fire was warm and Finde was gold to be made to if again. He have the wind start to blow—Isstanish trees to the left and them in the trees over the wagon. He withed he was here with Elamo install of this charge old. com man? Maybe Sagatom was obsequely try ing to access the survivals of which feeling his start of the properties of said the start of the said of the start of the said of the start of the said of said of the said of said of said of said of said of said sa

stoot time travel?

Segehorn poked at the fire with a stick and smided "Simply put that there are time travelers among us right how. Flark began awaring his coffee again and the fire cracked in agreement.

Ready." Segehorn was, if is a most logi-

and the sectionated registeries. Persely "Significant seal, if a smooth section sectio

that
"I see What's your plan got to do with my
time capacide?"
"Your Prine capacide, if it survives a
thousand years will be opened by a soci-

though sine
Frank roted his eyes up in distrible
Impossible? seed Bagehom
What time trave? The whole concept
contains too many contradictions.

Superhorn boiled down at his metal box and nubbad the adjac of it with his indice larger as if there was a smulge on it. "Contradiction is a most thicky word, so in After all, what is in contradiction." Superhorn at the question dangle in the wind for a moment while he pulled a loggic out of his visit. His boriff one and and employed the cover as a loggician. "Part of lived the cover as a loggician."

Vew Ch7

Ch7

To reample, Nersy-Iwe bunded years ago Pytegons clarined the earth revolved a round the sun. Well amyone could see it was the sun ready and settled to sun. Well amyone could see it was the sun ready and settled 30 obtained to revoke year. I see put to sus the sun of could be ready to see the sun of countries of the sun of the sun of countries of the sun of the sun

in the least not in the loss!

They administrated of him, but we've propresent a little since them?

Escapil I nit he peat they years we've
of hydroy for the fest than we in experiencing
a garrientic progression of inheritation
a garrientic progression of inheritation
of controlled information is doubting every
ferman of the same, then we've selected of the
order of the same, then we've selected different
orders or the same, then we've staking doors.

times before that capsule will be opened

Why shall a largis coming double if hearing sovered men, and you've an inflamoral "Northing severe men, and you've an inflamoral "Northing severe in mensi Welfr that kind of lacoeleration of lacoming, dain you may not wish as happen after doubling our knowledge had happen after doubling our knowledge had hardened and inflamoral and misposibility flowers." Welfrey, and Frank, but before to face office of the control of the

outstassed anyway Sagehorn might be crary but he was allowed prepared to delend he theory. "So, what's in the book?" First asked Sagehorn grinned, picked up the box and brushed some imaginary dust off the led with the basic of his hard." It sood that tells a most inferesting story Used a special content and the service with a supposal.

Browsand years. Yes: I've based this hook very carefully. "What are you using for best?" "Well what better way to luse a time.

Frank could see the open grave a couple of feet from the fire

and a large mound of dirt on the other side that of the hole. The old man sat down without that bothering to look up 9

travelor out into the open than with another time traveler? Specifically a supposedy

meen intery oo any what or explaining intrins three deriversion they relocated to leas a lew poor sours. People who never come tack from their passing three poor pools total in a stranger demension, stranded in som ancient on a Andrea Eathart - type of disappasience in the operand little think it's calle to assume such an occurnece."

rce: "Murphy's Law" "Precisely And suppose you were a time

strates grounded in the laterisation persons flow wilder to got an execution to the falsers, lating of your plight. Then through a limit Flow wilder, and existently a family and Flow wilder. Indirectly in strate family as placed for an encreal. The qualiforthy has about 4 for a moment The qualiforthy as says a time tubered stuck in this contain, flow it opening to the first dut language or from its opening to the place of the properties. We will be a support to the properties of the properties of the proof the contrainers. We got the time will be opening to the place of the proof the contrainers. We got the time will be opening to the place of the proof the contrainers. We got the time will be opening to the place of the proof the contrainers. We got the proof the place of the proof the place of the proof the place of the place the

time traveler lot down his S.O.S. in some

With but the social is rever purported to be written by the limit terrelate it immed. It is written by a friend who knows of his true origin with helpes har survive in this promitive certary. Limit hardway the first blooking the company to the common delivers, and the finends worsted about him having a markful breekdown, oping crays becoming most disregerous. So he treats to got a meetings to the future.

Takes present the pain of one hand against the knuckes of the other Tree to include decharged, each at a different pitch. There was a dispectual signs to September Starry In a weakfur moment. Of the september Starry In a weakfur moment of the september Starry In a weakfur moment to the september Starry In a weakfur moment Mogles In September Starry Start Chief the Ament Starry In the Starry Starry In a september Starry In a september Starry Mogles In September Starry In a september Starry Mogles In September Mogles Mogles In September Mogles Mogles Mogles Mogles Mogles

Wet even if I believed in your theory. I couldn't get your text in that capacide any way The contents are already last in there like a those-dimensional puzzle. Nothing more will fit."

"Bruggle it in. Remove something and put my box thirts place." Remove comething—for a box and some half baked throny?" "I'm a time capsule sooder Been sending time caps for the past bearity years. My

theory is heady. Nati based. Fisher was diseptented attrough he dent know why. You mean, this strill you feet?

Whi, no son I'm afreed it len't. He trounded but then his foce brightened. "But yours shows the most promise for survival hospectic are as a good on those for the

bused tack in Subjective Howard indicated off to the side for amonent, appearing a will never be found.

That we been testing this theory for the past teering years and its never worked?

Then cape are tricky Some will be dug processed on some say, one of not hardnowness with most Well before the open of the next Well before the open of

in improved!

yee First let sorry for the ciazy dd guy
e I Twenty years! He wondered how many he
both bod seeded and her chuckled at he
frequit in their seames as cratching their
employee in their seames as cratching their
employee in their seames as cratching their
employee in the property was proposed and
usy find one of your scrolls
employee. The probability start popping them.

open in the next century Course they might shink the first one amusing as you do

for Frenk raised his eyebrows in a polito protost.

But when they discover that the second.
third, fourth— He stopped and extended.

his arm to indicate it whole crop of capsules. "When they see that almost every long-range time capsulo buned in the twenfeth century has the same message in it, they may find it most disqueeting."

Sagenorn raised his shoulders and made his neck disappear. "Sure. That sithe kind of mystery that legends and myths are

fundwis of years, maybe a fascinating legend or two may that he would become in thirty years? A

hopeless disarrer with a currous obses-Instructively, he picked up the box and

him a girrpse into the future "Tis seeled" said Sagehorn WW

"An extra precaution. The soroll is preserved in a vacuum. couple of times. It had an only film on it like

"Just cunous about what you had written Tirre and place is the essential part. But most of the scree is simply a carefully with stranged in this pentury. However the gist of the matter is that I promise -- in the

scrol-to bring my time traveler hand to a specific location at a centen diale and time place, mind you. Therefore, when they recerve this message, some time trevelors will be dispatched to the Reven Hill Tovern " "That's where I'll be at exactly five PW. a.

'And you'll prove their existence

the old man himsel? He hestated when it come to Separtorn, Sometrow he could was it just his own imagination? Well,

But the questions kept coming. Who was Was he crazy or briksrt? These were too many questions, and despite the many eppearance Frank knew that Sapehorn

could tear the mest off a convoluted gues-Why what? "Well why have you spent twenty years-"

Suddeniy it hit him. What the whole conguite touching. The thought burst into focus, stunning him for just a moment. Was switz their outstrooms his magnetics?

thropology? voice again "I'l get it in the capsule Sagehorn smiled, reached down to per his don, and then twised his out to Frank

isnow why I digin't think of a before

Frank leaned back agenst his camping "Well, Mr. Superport, suppose there or ally was a time traveler stuck in this century And suppose that a time capsule was indeed. the only way to could get a message

to the future. Now the question is glanced back at Sepanorn. "How would this to struggle his message into the capsulo? Sagehorn shrugged, but he couldn't hide the twenkie in his eye. "Oh, he'd probably think of something," he said with a



"Of course I'm listening to you. Harriet. You said you were a Martier."



They were a wild. turbulent race of savages. and studying them led to danger madness

THE EMPATH AND THE SAVAGES

BY JOHN MORRESSY

The Ampreene observed the consustr cunosity They were perpiexed by a sece so belerggeneous and so votatile, and fascinated by a planet so Water was abundant on this world. Wherever this world differed from the home worlds of the Domination, the Its dominant race was energetic. with some physical resemblance to the earlier smaller stages of Anomena development it appeared strong enough to provide useful servants while not sufficiently durable The residents of this pleasant planet societated page. Study of them

people, their ways were methodical and unfrumed. They arrest cycled consequences with great care and did not undertake a conquest lightly Conosiled from human perception instruments, closing on a suitable objective. Earthly years whined by beneath them, and earthly creatures

PAINTING BY GILBERT WILLIAMS on a single person and a single instant. The Empeth and the Conceptualizers look their places around the selector locus, and the Assessors gathered to observe.

The selector hummad. The Angreene ship, the surrounding speed, the name gathering beam that reserved downward to the total figure, and the heap of smoldering green wood were all instantaneously plucked from the verve of space and time and held suspended in an otherwhere and

charwhen. The first specimen was drawn aboard the ship. It was a female of the earthly species. She collapsed in a heap on the base of the focal arist, her wenched legs and laceracid test unable to support her weight Resing hereaf on one brusted bloody hard, she little the other high and one.

Philips God Pasies to Thy name. O Lord' Thou hast delivered Thy servisin from the with of he enemy? She attempted to rise but could not She began to exourt her sufferings and did of former's inflicted on her and others for rescons the Angiverin Conceptualization had diffactly, seaminating, Her speach give

wild and incoherent. They let her rant on universupted, until she stumped toward and was share!

The onestire believes that she is in the presence of a superior being from her ra owi mysh." Into Conceptualizers trans-

mitted. This mych appears to hold great significance for mase chastures. We suggest immediate bobbt in accordance with her belief."

In a gertia, melodious human voice, the Empath asked, "Why heal thou suffered so, my dispate?"

She ris set her head and gazed upon the towerry white clad figure of the Argeneries shrwing with a subdould golden stars. "I would not deny Theel Not even on the risck would I deny my Gold sind Basic and His one rise shith, and Thou hast plucked me.

The Emosth seasched deep in her tosured rand for the proper terms in which to couch its response it shed/industrial pale hered in agesture of benedection. "My child the cup cannot pass. This is but a forefreshe

the cup connot pass. This is but altereliate of the joy that wants when thou hast passed though the fame. Be steedfast," the Empath said.

A look of fear came into the hollow.

Thou art out in all things. Lord. Thy will be done. The selector hummed once again, and the woman vanished repairing to the form within a namescend of the departure. He scream as the flames rose accord her wish covered out by the runthed of the fire and

From that time and place: the selector took is total of twenty-eight specimens aretithing each one from the instant better cleath—when the blade was at the rape or he knot was just about to close on the

throat or the rising smoke and flame brought an end to long agony. The salector could not erase monomers, but a could take specimens who would never have the apportunity to speak those memories to observe of their scenes.

others of their species.

All those from that period seatled in a state manner when the selector had hurter that the last one back to his destined end only on the block, the Arpsene stands that me ship and all about 1 to normal time and

sing and all acceler to remark and all and space and furthed to the next stage of their war exacting outles.

For the impath sione, there was no task case a adding. The impath was refeased of the once to enter the transceller state, publicated perspective by the Ancreene, which ment over the body and mind alter clase communities of the contraction of th

cdy conwith an alien identity Deprived of penrecord, an Empath would be overingly whemed by the sheer vital force of an inthe truing processes, the alien memory and therking process would be revisited by

€ The Assessors communed; the Empath and

the Conceptualizers prepared themselves

for the next
contact; the earth spun

physical integrity the others abound the Applians visible were busy Conceptiveliners structured and colleged their hindrigs. Assessors evaluated them, and all the while the selector inclinated of to power for

After long disbersion, the Assessors concluded that the physical betweeperelly of the rape and disable and disable and disable and disable and disable and the repeats who were a single people with a single people, these creatures were taugmented to the point of chaos. Their di-

determined whether this tragmentation was a phote on the anoth way to civilization of a stead characteristic inherent in all. The Assessors communed, the Empath and the Conceptualizers prepared themselves to the next contact. The earth spon through more years, the ship moved to enother cert of the claims.

ments began their search once more. This time the first apecimen was a male. He binked looked hard at the Empath, then smiled sendoracelly "So A clever tick legint, whiteling me have just as I expect to

die "he said in a torgue qu'a d'Alectri from hat of the first group." Bel me, where are the rest of the tribuna? Where are the lat prisets and the nobles who one on the peoples. Reish? Are they had no some where, cowering in feer of the words of a condemned man?".

He fooked at the feabusiless walls, then shock after and one of in a thundering vice.

in "Mel may gu hite from thy words, you butchers' Bases when you will no proce ere if you you maye hou will kill me tust in words will be mel soule the met soule to the ten. We will burn your churches turn your childrens will your bosied guts. On, yes, my the mel your bosied guts. On, yes, my They we large been peeter. In their pain is more as coming to an end. Doce my long wast a new periodin to grade her white bosom? Squeeze the bridge from thousand peedes.

d thousand pessants and she shall have her bable Docernylord desire in rev learn for this oternage? Take the tood from a shousand hungly children and give my lord his horses. Or partege my lord the achieving.
He spoke on, in a toment of words and

andly gettines with Lonsepolitability. Bad his special risk food gettined and the limps instrument had gettined and the limps in probe if his mind for a financial risk had been as the consolitation of the limbs of the limbs of the consolitation of the limbs of the limbs of the limbs of properties and allowed appropriate of Alexi baseful substitute. Productive communication astumps quilley, the communication of assets of the limbs of the limbs of an astumps quilley.

Deliberiston on these specimen epulsed in a storing restimation of the oraymel conclusion and orasited much corheaton among the Assessors. A stora to the control of the control of the control violution was at but unmagnitude to the Angelesia Such a race might be specially of in theory, but in existence if could not large unimos Survival The was the basic beyond control survival. The was the basic beyond prompting beginning the large and thoughts control to several the control of the control of the prompting committee of the control of the orange of the control of the control of the control of the control of the orange of the control of t

to it was beyond question.

And yet this race not only survived its lagmentation but appeared to three on it.

During the interval—brief by Apprecia the standards—in which the Apopusous vertex cerebration information and the Zelfabox.

tyloid Their technology advanced to the level of powered transportation and atmo-On the advice of the Zeletics, specimens from this period were gathered not from a

the planet. And, as a caufonary measure. the Andreene ship was moved to a higher. The first specimen was a woman. quickly clambered erect and looked about

She fall to the base of the focal area but wildly until her eyes tell upon the Empeth place? What happened to the tank?" she

The Empath probed for a proper reaponae. You will be returned apon enough. comrade. All we ask of you is a few minutes. of intelligent talk

can stop that tank "You will stop the tank, I promise you But a step toward the Empath, sixelided her studied the white-robed figure closely What are you, anyway? Some kind of

rado Well you can keep your convisde then I'm dying for God Why are you dying, then?" the Empeth

asked the woman To blow a tankful of those bastands to kli more of them. Satisfed? Now get me back where I belong "

"Do you think you can keep me here until me without a fight," the woman said, reach-

She was returned at once The Empath weighed what 4 had drawn are. "She ried and harisme that she was in the presence of a desy. She was willing to toke

parions and destroy the appreciant vehi-"She was extracted from an extrame an gressian condition. The vehicle site sought to destroy had almady caused harm to

"She wished to make it possible for others to the on But after could do no only

frace. She was sween of that The Conceptualized made no response slightly built, basely of the age at which this

Conceptualizers and the Empath the deeply What is the marked cloth binding this apenmen's forehead?" the Empeth saved

The Conceptualizers explained at once 'it is symbolic act functional. The symare mosmolete, but there are indications

one's willingness to die in buttle "It is strange that a people so eaper to

the should crained those. What is the notice it is a conflict of machines guided by vehicle by hiting if with the atmosphere-

Conceptualizers explained The specimen straightened, bowed speck, the Empath was perplayed by his rewistions, of frough the cleaned response

was clear at the first brush with the boy's Like the true Draine Wind you tell upon terly. You have blossomed into a flower of death to bring honor upon your Emperor bened among the namure." the Empeth pasce fulfilment and happiness deep "The boy believed that an Emosth was

ently and the boy's own nature ' reported This race seems to have as many divinity myths as it has individuals Pottage a stage in development. The specimens of the second taking strongly

denied divinities and related myths. The Conceptualizers pointed out. "They appancent of selective application "But that is irrational considered in miadon to the beliefs of those we we proped in

The wateral appears to be not merely spierated but highly valued among this the Empath. The bettle at which these specimens are engaged is almost planotwide it appears to us that they have care-

and groupings of these units are systemat loafy endeavoying to destroy one another is there water within each province? Have they progressed to at least that level? "They have not The groupings are lemporary Within the groupings, and within the mentation leading to repeations of the con-



race appears to be self-destructive," con-The Empath paused and reflected. Not they go on

Further specimens from this taking reunited little. They were fracued, or their minds were werped with histiaid or befoldded with horror, and the Empath was The last specimen from this period was

drawn from a prowided place behind the battle lines. He was neked, and the bones showed through his dry baut sien. His hoad was shown. his dark eyes sunk deep into a focal area, blinking those hollowed even. and when the Empath touched him, there was nothing within except numb, hoppiess. Then the eyes focused The banking

sapped The specimen looked directly at the Empath, robed in white, seated above him and the Emporh casped and turned immackately.

"He believed I was his derly " the fireach No more specimens ware taken from that tacts of this taking, the largest of all, want at once to rank deeply into portrogane. The findings and saw in their work a tangle of paradoxes These creatures were inclates;

yet they could form collectivities and feel build to them to the point of death, even frough the collectivity was temporary and arbitrary That was madness. They boligvod n things imperceptible to the senses and ostrantollectual, and beleved with an in-

accepted a horrible death. Yet they could suffer such cours and regulate the very myth that justified them. That was madness. They fought one another with ewity developing sciences could provide, and they used those same powers of mind and Atmosphere, genetic history, some malion radation something had made this race

This conclusion was not altogether disof Earth was quie to destroy riself in a very shorttime. There would thus be no need for

to bring Angreene military power to bear against those little cleatures. For all their They would reend, and if would be noces-

scar upon the Anpreenamemory Far botton to let them bring about their own ineviation

During these deliberations, the populatran of the world below them had doubled and radoubled. The smalles and nearby planets had been visited

The Arpreene ship windrow to a safe distance, beyond the orbit of the satellite and began preparations for a fourth and now a lifts earned to would be moossible

The final sampling consisted of a single specimen, a male, plucked from an enormous craft constructed in orbit above the planet it was one of three such craft and siroved by an internal mailunation as it reached the rim of the solar system. The reached out for the gray-haired man who second on the operations bridge of the great orbition ship.

His subdued reaction surprised the An-He glanced about the focal area and seemed to comprehend the situation at once Folding his arms, smiling, he said to the Empeth "So you're out here after all

We weren't mistaken "Address firs specimen in foundly terms, 'We come in peace and friendship. We are the Angerens and we are your hands."

seed the Emporh "fou even speak my language Qu'to well from Tolografity or have you been studying us from up here? Or perhaps you've been living arrong us?" % partian of the Anproene are Empeths telepathy it carried be explained further in seems you would comprehend. We have

been studying you since. Since you' year The mon from the Earth ship medie a low whisting sound and shook his head slowly "You must have seen some incredible throo," he said "Tol me what have you "Relate our conclusions" the Concep-

The man seemed startled, then emused "E'd sook you five hundred yeers to see that you pertarry event a race that simps to remaising. We've all known about that for

The timosth struggled with the man's reactions. This one was not like the others. Words were seldem a clear reflection of other stroke in any case, but with the particular man, words and mer states seemed to be self-contradictory on almost

Empath admitted "Did you expect me to be terrified? To attack you? To beg and scream for your

morey? "None of those things. You are not given



(\$7wnfall

to such reactions. What is puzzling is your mmediate understanding and acceptance the other speamens The men rockled and said, "I suppose

you were a god. Or a demos "Well I don't consider you either and I'm glad to see you. In fact, I was hoping to find

Those ships—the one I was on, and the two offers—are going out to look for other worlds like Farth and other intelligent

system, you've proved to me that my missize can succeed Of source I accept the 'Have you no feer that an intelligent alien.

race might constitute a danger to your own There's always that possibility I'm sure looked carefully at the Empath, then went and haven't attacked us or interfered with us in any way wo've been sware of You asen't too different from us in appearance. are encouraging signs. Apperently you're probably with a totally different time onanishon and volum mystem. A year retained pacetie, too thoroughgoing catalous in

you're here, but I see no evidence of outwant hostity. What is the nature of your "felt ferr At," instructed the Concep-

pith. "We seek new worlds for the Anproone Domination. Yours is the most rust-

"Do you intend to fry to take it?" "Our Assessors rudge that accretion

calculations, your destruction is long over-Some earthly calculations give the same result. And yet serve menaged to tions on. We may sumpte you the Ampreene would prefer to swood conflict with such a race as yours.

frends than your enemies. I hope we can be But tell me. Empath what do you plan "You will be returned to your ship and to

valve will cause the ship to explode in seven to eathfree seconds after your re-

"The main valve on C deck, the one stat The Empath conferred with the Concept

funkzers and then said ves-

To this your dono? the man asked pay-No. It is a predicted malfunction The man was seent for a moment. Then All indications are that they will survive "

"Agen your attitude is confusing," the Empath admitted "Your race seems fond of are dwng not in some struggle based on a

belef, as your race often does, but in a "My race doesn't like dving gute as much as you think But we can accept death if it has a purpose " What is the purpose of your death? The

stars. Even if I don't make it, others most Certainly will."

mate phase of the masses complete and ordered preparations for the long home wearly for their respective living compart-

mores

ife patterns of alien races and had done so its ways. Aduring to the human race had

"An interesting race," the Conceptuals working out of their madness "I found much good in them " the Empath responded Do not overlook the fect that these crea-

The Empath still steeped in human altrudes and reactions, made no immediate response. After a time in inner communi-

there is sprenday in such madness The Anproone left the solar system in ship, the Assessors declared the prov-The Empath spent the entire trp in deep next should. This proved to be fortunate. for

When the Announce stup setumed to normal space within the Domination, the armade from Earth was wating posceluly to crewit a DO





THE THOUSAND CUTS

BY IAN WATSON

The Petrustica metaucant was a large glasses of Yorks Don Kavanach observed 1 don't think Russian restaurants monoter unstains? Is in?

are very popular these days That's why we came. Hugh Carporter said. Bound to get a table Don't blame me said the water Timis | thrusting the water who was bleeding from Londoner born and bred

Maybe there's a good sketch there " successed Marcha Vine who was the ugly. A third man stayed up top. All three were sister of the team. You know restaurants Eskimo Curry House Or wait a minute. how about a slaughterhouse for vegeta-Dieg? Wat 7 ve got if, protests at vegutable Hugh dismissed the notion and the

outwating a blind spot for the obvious Not guite mad enough darling " He cocked his head. "What's that?"

Soon after sounds of crashing and breakages a woman's scream and incoherent shouting game from the upstarra yes-This isn't one of your practical pixes is

accent was southern trish. You three get

The manager, castrer and water did so The momentary science that followed waster with the same toss of his head. The was broken by the approaching wall of a

> Take it sed Huch loudly, that we are "Be quest" mured thish You're most likely to get

More like gunfre ' said Alison Samuels, i murdered in the first few minutes. Then shaking her impacciably com-round red insport starts building up Just I medi-'Zen and the art of bono a hostage, etc?' Hugh crimed frunchantly. Olive where. Hugh whapened He satistic as a Buddhat.

Don't come any nearest oned the upstays man. We have hosteons in here! Lumber lacket number two ran to the

Hugh's longue moved inside her mouth

mean correct me if I'm cracy but I wasn't mean you can led me can't you?

at legat

Hugh sat up. Dumbly he stared at a The headlines were. PETRUSHKA

He read the story hardly understanding if But he understood the accompanying Just look at the date! June the reath

So we're in the middle of next week." Alson began to lough hysterically then

Aligon started to dress " places wanted up to get into bed." tions. I suppose it still se! We must have

"Gas" he decided guddenly "That's if effect

Down't ray a fring about gas. It says

His telephone rang Alegor was sitting at the dressing table

was covered with goose bumps. Ihough-

"That was Don He . he reacted very

Where 5 your radio? Switch it on Hugh fed still raked and she tollowed

A punk rock band was sanging

The design said. "You've just heard the

"What if mality itself is really a sort of film? Suppose the world is being

projected it's a solid mayie made of matter. not of light. We're

an entry in the Film Festival of the Universe ".

oh? Like radio active and their whalls rying straight on even if you re all as oon-Jones and don't set he to the per-the

and August the effect repeated riself a any Martha you mensoned nuclear war

besides lasted as long as the first one had

Nor could people get used to having

Detretaing it was indeed to find oneself heading in to land at an unexpected air-

"What if we find ourselves in the middle of maked Marina "I can't stand it. It's deving

Tis driving everybody mad " said Don They were in Hugh's flat. It's Not fast old

No I mean the Death of a Thousand

n. He rubbed his hands briskly. 'Cutal' ignoring him. "We don't need consciousness. We don't need to be aware. A bird courting and raising young and migrating.

Actually if helps No swallow with selfself-awareness and it's a dead end?

again and the world will run a lot more

Arms Lamitation Takes are going all of a That's because both sides are more

No trisht I've been checking back Ail

Breakthroughs during breaks! And re-

ego, a ball of flame rose up Bloody hell! Don glanged at the calenin the back seat. No sign of Martine. He

begged Alison. It's a death trap." Somehow Don reached the next out camp safely. The camp was crowded with

Muser't lorget what we were taking

to talk before we lose the continuty

for the filter music on the landford's racks to danking at all but merely waiting Cuts, and of course, those were cuts in the firsh with a knife. But what do we mean by

"A tim" sort Alson "Edition Switzens "Imnet agri Gels are twelve years old or

Oney scent Okay okay I prostrate myself Now. outing from one spene to the next. You

But have you realized how smoothly the the way from A to B. They sust leave then

raphy is solidography Suppose the

in the Film Festival of the Dreverse But ...

circle gut. Three days drop out Two is the BBC Emergency Service.

Come on we can read all that stuff

subtle, artistic touch. Maybe the director

But that isn't a decline of awareness

Its a bloody decline in our sense of steam. They're happening off everybody a stage. Look at this progress in arms control

a fiction?" he asked "Maybe this is a very

Buildhash, When you how a commer-

must be esting realty. Hugh acknowlcaril changras either Lord knows realty



"Assi go to sleep. Tim there's nothing to be alraid of

electrified maps. We'll go catalonic. We'll

a show about eciting reality. We'll make a whole country laughing at what's happen

Just so long as we aren't out off | said

ectage afterward. Swing us around

So do we all Hugh if you rehight So do

Do what? Stand corrected

tight after the rine o clock news. Seven

Why? Oh to check out what's been

something? Mertha asked

"You should meet my publisher" gupfirst garuine reduction in weapons

See? It just takes one poor jark to jab his

When you're cutting film love ' earl

magined. Well, in my humble opmon the

I laugh therefore (am Beds don't

apan What no negative reactions at all? in-"Oh, there's a teeny little bit from the

Do you regize asked Rolle so he

up viewing figures of half a billion people? In retirgs, mean beasts

passing road sign "Pstworth, halt a mile

markably imprompts of her for a weekend

speeding doing nearly slidy along this

Hugh loosened up too "fouve got to

ter's place in Hampstead on the figh-1

"Yes dot the sade here" said Swish paryed sutalandy on and on There's a lot to catch up on nemarked

and I am Robin Johnson The diese is

We'd be at the occage in another ten

Allience is on July alert, but so far. West.

So that swhy we're all trying to get down

Databer Hugaslana was invaded by War

to the cottage on an empty tank. We re-

"It seems" seed Alexon questly. That we

enably for a few seconds. Not long what a from the less OO



West, what's new on the recombinent decay/abesvoler; ad of front, son?



HELL CREATURES Out of deepest space they came (Bullets couldn't stop them, fire Object to the stock from fire object to the stock from fire object to the state of the state of

evicame out of the right sky like had just locked up the set for The Six-Millon-Dollar Man and was walking through Six Points, Texas, the Western town left over rom silent days-I think I was in front of the seloon -- when I sew it At hist, I thought it was the plenty of room on the back lot for a helicopter in trouble to land. Then those kohts came.

on-flick-and the sky it up like a losest of Christmas trees I couldn't see one real star on Third Kind. No organ music but plenty of lights and a big mother of a mother ship. I was on duty at the time, making sure op one stole mother ship was a big mother It stood there in midsir, not maken a sound

metal plates, and little windows with people -- or something-moving artifuld inside, keet like in 2007 Okay probably you ve guessed if by now

I'm a tim butt. I'm also a cinematography student at UCLA. That's why I look this summer plu as a studin night watchman to be near the business II love and maybe learn cometring.

Evertually, my mind startad working again, and floured I should notify some-

one Albrir at, they was his passing and to average their forming bits the front to the phone bolind the floade of the phone floade of the phone floade of the phone floade was during the phone floade was floaded to the phone floaded the phone f

called. The first black-end-white showed up in about time instruction. The lines feel of the selection of get and selection of get and selection of get and selection of get and selection of selection of get and selection of the selection of the

feel time, a sort of buzzing, crediting hom less the light bridge in Florin Gordon, followed by a company number set in time-dred-don stern door were opening above us. I finish they had a noise like it in The Macraty. We looked up. The bottom of the mother ahip was opening. Illending light spelled out of the widening.

Binding light spriled out of the widering registrage and it up the enter backfeld lies is likely light. A second site, momentarily dimmers he light from the beily of the mother strip, appeared in the rectangle of light and began a site witness import or promotive decorat out of the Day It looked like your basis from stressor.

Now black-lead-whites were pouring into the back lot seems writing, Ights likening. Africal cope suring a solely green. They side for stops on Six Points, Texas, the set of Throughly Modern Miley, in frued of the Physics house anywhere and everywhere. A black van rolled up in front of Linche Temis cities, and a se squad perilad out just live.

they used to do on SMMT. Then everyone froze. Dead selence except for the Flash Godon light bridge cose. The small this was about the key to the ground, mechanical sams popping out, devices—who knows what they were -ommouldy perfectly services.

Someone yelled. "Weapons" and the cope opened up They bleated it with every fining liney had paticle, shotgard automatic weapons. The SWPT seamtined to lob later gas into the open boy of the inother ship.

The cansters fell back and gassed a halfdozen policemen. About this time, the cope figured out they were doing about as much good as

Redurer Carlson or the lost fail of The Magness Movathre 5011, the mechanical arms did pop back into the sauces, and the hundred did neighbor frough the fail of the mother sign. We have the elements the mother sign. We have the elements the mother sign. We have the elements closed up light, plunging the back is into distinces. The mother sign blood—closely at fair, then fauter—and sheared off toward the Pacific in a fair.

is test, then faster—and sheaked off toward at the Pacolic in a wink. The cops went crazy, cheering, yelling, thoward free hats in the air One man was should when a molorcycle helmst come.

the finite power after orinstering Cepitan Nit. from a light spot Tillay rigardo they had 5 won, all of them but one. Insuferiant McGares a por belieble, threly have lobble of the LAPO the came over to the Report open thruly finite or the Stage of the spot and the stage of the spot and registed the somit cassing or the ground at my load, and begain respecting, staffing the stage of the stage of the stage of production of the stage of the spot and the stage of the stage of the stage of the stage of the spot and the stage of the stage of the stage of the stage of the spot and the stage of spot and spot spot

moving, began its slow descert

me, eiging. They'll be back.

He was night like hours later the
year and ordered out the National
Clased and the Peachers had been in the
firest compart record to come to the the
Red Core all the way from Port Benning
Complese with tanks and additing suppoil,
the inother thip come back. The door nine is
bely numbed open leght fixed die back.

occasion to the control of the contr

Day the Earth Stood SMI A robol—the dring must have been as metern stiff—dup peated at the head of the ramp and Umbered lower or Bullett, rockets baseons abelies whoged off its boogh hole without headers a sortation. It stopped at the floot of the ramp its visor writed-up. Absained thus light rapped out from the weeks and on any executive worker.

whited up. Absalted this egit appeal out from the eye-oft and our weepons were useless. You think I'm kidding I'm not. Thefis the part that blanked out on TV and that no one will talk about. That robot had avesome unheard of powers. Behind I'v. a burner of inencesser femor-

Is sustrated down the carro, stung all over with turns locking requirement. The flag flat by One freed bayonists and charged. The ceasures point on sozionis of other whethsover Hallway to the suscess the screaming, psychology 68 pain system into the mig. psychology 68 pain system in the difference of the suscess of the scream of the bayonist work in and stuck, soddiny take spain bushing out at the points of empact. The Gis outdint patt fleri wisopoin or unitude and final to listifiat without them, to liabing the files shorting out of the force it field like southpoin in chreams.

sed like (composit in cheeke.) The creative sortical and, setting up equament, their bodies containty change goods substantially change of the containty of their popular services and their popular setting of the containty in the containty of anything with addition too Lincolnett McGrae passed and only of their popular and output of anything with addition too Lincolnett McGrae passed are a doughnut and is only of cartiere. At the top of the rimp, two creatives appeared one filterial and not not cartier.

Act the log of the letter and consistent appeared and Printed and more littration the sealest and region an internal opport or beautiful from the doceasy of sealest the log of the log of sealest the programment of solds and begin internal of color printed to the log of the log of the log of solds and the log of the log of log of the log of the log of log of the log of log of the log of log

They reappeared almost immediately and strength the slow processable down. This time. The firms of the property of they may be refuged and fell of they may landing on a burst of equipment. The short scarlet time, once is one the firmsy one was oldey jumped up and down again. They stated own ... The fourthers they showed up the metally finding they are they show they have been they are th

s rife inder baseries and scoles barchites and F-file) and wetched. The caused the afters also to go appropriate it is not to be edge of the force of pacies. It is not to the edge of the force of the

Deutwert McGesv came over to ma, howing puzzled shaking his head say tig "I den get it i just don't get it. He never did Almost no one did The palce the Persigon, all the thousands of scientiates who worked on it under government grants—more of them got in Most of an around head got a. We retiminate When whe whale of location handless.



No deaths No births The whole world hung suspended, waiting .

THE MADAGASCAR EVENT

BY ROBERT HAISTY

e sativery stiff and closed his speciard trigger and trigger being smaller—as if he could stop not the large and existe through the eyepace or and or until he was a speck a point one.

Mark Wyneto was not a bably unessended reported totally unessended reported total now he had two feater on he beef vectoreous relining against each other lake the wreater closure which had enveloped them through the clay and on into the hight One was the notescreable unessense about the thing itself. The other was Therripson. Therripson would be in no model for it. New Swe he was a faster of shake your precous copy in your face — loonly choke acretching — we excur Christi — you call the reporting? In less than a year at the Marring News Mark had seen three pretty capable guys thrown out and each firms Thompson

and each firms i horispoon had said. The story is always out there. Boy some checks them a not a story it's your job to find cet, by God arby! Mark stood up and showed his chair back without even pulling from his typewater the pope or which he had.

his chair back without or pulling from his typewarts the page on which he his written a single sentence Up and down this line of exportant dealer the machines were raffling of frainbushy and his peop pooling at them were dixighnuts and guiping cold coffice between phrases without ever looking up—as if everything ware particolly normal. Mark shook his head sharply trying to clear it. There could be no nore delaying. The midright.

was now en softy year now en softy year acted before pustore this de a right turn ought Thompson's hisses straight

seemed to 11 the madema area at a final control reporters. The space within half-walls evoke by the amount in control reporter.

the spece within he half-walls exclude prote by the ancient hanging olippings, and photogra and by thompson's over skinny frame and buildin head. A slightly building more than made up from the power of his langua the sharpness of his wo The guessness in Next.

could all fear him years of a someone usually several and a feet fine of any fine of a separate of a

screen at their desks. They site
PAINTING BY ALDO SESSA.

height as he entered. Sure he should have done something about it hours ago. It was vary to see that now But what actually? Call the Hersio? Christ!

"Uhh about the obits. Mr. Thompson—"

"Yeah. Where the hell are they?"
Thompson was sonitibling on his yellow
pad and scarcely looked up when Mark
came in "You're an hour lafe with am

came in "You're an hour late with em Wynette." To Mork it was entirely as if someone else's vacce responded. He was numb, and frozan. Exen has checke were numb to gold. The about order were her her gold. The about notice were numb.

MAPK'S CHPONICLE

The Pinst Day it wasn't as bed as I had thought it would be Thompson chooled in the plant and replacements.

Insugnit it would be information grower as that and grabbad at his chest. He sid me to get the hell cut in a claim have time for any goddamn correctans. Then Thompson called Herby Squires at the Star And the hospitalis I was right. He

anything suffer He knows indoody over starts on the data before the last hour. No time to do a story on if Weyard san the lare "No doubte supported." The other morning papers dut the sather thin, even on the Ward Cased. Whis service shart-adjacking it to about 8 h, which workshaped Thereive been no tethic apportal, other

The Special Day 8 is an exclusion of them we been no table appointed, either The Thru Day Parks growing "landing sus prevised on the ranger malkels. Dut Governor at hundred potential Most school and other provided by the property of the hundred potential Most school and property for the property of the hundred potential of the Bury nothing to be fightered about. We don't understand a yet, but all cerebinal have seen sets presentive explanations. May be the down of a new ear Propagation poly for the property of the proper

dawn of a new era. Fringe groups say for days to the end of the world. The Fourth Day: Not much else in the new fou get used to it. The creepy feeling car

on of lower Former—what s River Johnson on Conductive We do not individually a life he has been presented to the high page opinion to their We reason used to the high page opinion to their We reason used to the high page opinion to their We reason to the size of the size of the size of the size of their work of the work of their work of their work of their work of their work of

amounts to aborton. The baby remains in

heartbeat does not respond to stimuli,

seems to require no nounshment at all. They other side says yet, but would you condent the poor worthan in the intercondent the poor worthan in the intercondent the poor worthan in the interded to the force of a force of the first school asks. Whe must wait and see what happens. This argument seems reasonable to me. What can in half to wait? But Ann is strongly with the Costasanists. "Who howes what if mey utimately do to the

Change. In a credit years? Perhaps even a 1980/?
The Swith Day. The burn wolfers and the drowned and the offer who have lost too much blood—they filtre hospitals, remaining in a state of hibernation, just like the

Panic growing
 Trading suspended on the

rnajor markets
President on TV twice a
day Says nothing
to be frightened about
Fringe groups say
the end of the world 5

cesarean babies until they are revived with oxygen or plasma or medications. But the number of fickensids, as declars are calling them, is steady increasing. These have been reports of several accidents decay takens being posted, but in eavy state the control being review of the them. The control being and the thing takens the state of the control of the state. There are also bit care reunors of un-

of discribing and
The Rendy Fescond Day There has been
at in the bring point and arthur Too much to
the cover and we enhanced with an in
the properties of the cover and
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eighteen more days. Many have joined their movement. The Thirty 16th Day. The markets have opened again Ding stocks crashed Air-lines and entertainment even; up shatply.

There drougs economic The site of provide en more transcraters have approximate to en more transcraters have approximate to the enter the provide the provide and the enter the provide the provide and the enter the provide the provide the causes to an uniform the establishment of provide the provide the provide the enter the provide th

signised deviated. The Forty-fest Cay. Well inothing happeried flive counted right, we should have near by me. The hirtige groups are retigening 1 noticed an nem on the wire service today about contributing called the Moses baser Effect. I confliptif we put in the

The Porty second Day. Who has ever heard of the Meadacan Effect? The Nobel committee must have They avaided the quy the prize in physics in 1956. Thorrpson discrete me to find out about. The Farry-down Day. A graduatio possition.

in the shapes identified by the oriental process and the recollect and the recollect

could observe greaty orhanced absorption. "Noise if he immigration for a Depoler staff," "Noise if he immigration for a Depoler staff, or by moving the source relative to the dibtable measurably decreased." From the ways to be measurably decreased. From the ways the reduction occurs, we can closure a great many things about the structure of the managerial and the position of the advice"That is the Mossbauer Effect." I said secretly hoping I could explain it to Thompson with some essentiable decree of

Incitify
That was the Mössbauer Effect: the as sistant said dryly
Was the Mössbauer Effect: I said, con

"Was the Mösibacee Effect" I said, conrecting inyest?
"We don't see it anymore. That can only mean thank is no Deppler shift. The Mösibace interes are so thank we see the Mosibace interes are so thank to be able to see energy shifts so small they would porsupport to a temperature of one ten milliorth of a degree. Now there is sometimo funny with the Deppler shift.

Time is corewed up. The seemy-share Day. Appearently, the grassumment was right Scientists all over the works seem to agree We are at a nodal point in an extended good goodern's time way. Which is another way of saying we are an intermediate etch for some kind of space voyagens. It is not entainly as physically used to their involved be and there is a suit or an extended to the continue of the control of the

no way of failing whather it is permanent or, if not, how long it will last it could all end in the hair market. The Avo Handred Soly-And Day Suddenly it's summer and so beauthful again I clomb loow how we got through the writter Mostly With I apoc, I guess. And that was only the hair writter has districted the summer and the summer a

least believe. The Mostbauer measurements are hard to dispute. Ann was right about the desartens of course as the women everywhere have land realized. If I could find a preparate

course as the long realized woman today if from Page

Yeart page. The Three Hundwidth Day. Something big has happened. We fell the vibrations here halways around the world. Communications are set sketchly. The test statellis photose is an author to the proportion of the proportion of the statellis photoses. As a white both in the approving the proportion of the proport

the design of the second secon

yellow paper? Roger Foreman was on his way back from the Color machina, and his must have noticed something about the way! was looking. Roger is one of the old hends, and he cain put a story togethal from a mosquito beigh and a chigger egg, but I dignit think if block had a lothed aborty.

but identifiers of fook that kind of ability for any firm to see there was something tembry se. worky ins "Hey Mark..." he said I hadn't not od us fe was belind me and I umped us

te was behind me and i jumped exinches. "Its over Roger Like somebody pulled the stopper Hundreds are dead. Thousandal And some of them are—

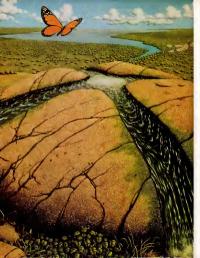
looked up at the clock and headed out in a run. The deadling Times was soft time. We will sell time a run. The deadling Times was soft time. We will sell to desirate Mr. Thomspool" of shoulded as I rounded the pomer to tex of fice. People are diging evolvation. But the select dhing is, if a like a lot of them have already been dead for a strip this stopped to because Thompson was not

these Cirty a chafty skeleton in roting shootded garments was splawted in his obasi, with the bony lingers offi clutching at the rib cage, and the green systematic askew.

Enterchast community skeleton in artistic me, and after

Roger had come up beside me, and after exercise he said. "God there's going to be let to sort out."





THE EYES ON BUTTERFLIES' WINGS

They wanted to break free of this controlled society, but fear kept them all prisoners

Every

The businethy with the eyes on its wings, walkfring.

But, deep reside, they knew it would stay. Or would pretend for grawly and then sheak back, unnot ond Softey disht say arranging. Dust it seen talk about something else.

And legislation and the state of section would give every what they went the legislation of the year the legislation of the year the legislation of the year that they are the legislation of the section of the legislation o

being positive that they were deceiving the butterfly or that it was gone, they didn't dare close their eyes. So they stared at the eyes on the butterflyis wings. And let themselves be hyprocized into collivion Colivion was safe, and, after all, tomorrow would be enother day.

osase, and carross does but if doesn't it slackers, pauses, and then statis again. Over and over. Then after a while the butterily left the room. So did they Asywes they didn't feel like talking any more.

e steeping . Inventing i

. .

po Distarring
Colors
He was on the point of waiting up, and images were still
ingoing before his eyes. Colors As if he were in deep forest
ay. And under the tees, towers that were no really flowers but
more like butterfless on a stem butterfless made of realthers.
He tradit of size sales por charter in the size obsesses steely

and avidening To remain in his bed for a white. And to in manifold his chairs of the control of

ren? Pays in the relevanty? Why want the storp intervally of use.

If this is thereign, Why the absorbly here in the south "May of support the storp interval to because their out in the STEP principal? Why can't it stor directing?

Voluming one extended we would require to much And willow.

If the storp extended we would require to much And willow.

If the storp extended we would require to much And willow.

If the storp extended we would require to much And willow.

If the storp extended we would require the storp in the storp extended with the storp

set of the control of

PAINTING BY BILL MARTIN

I'm a kid, and my parents are up there in from of the optimal imension. They can't see the from where they are My shutchar shut-sig, wode and worse, and I don't want to jump to catch hold of the ladder, and walk to the flours, to the field abthroom.

bithfrom. The concrete boftom of the swimming pool is still wit in places, green with aligne It wouldn't show And I have to pee. Welse up 1 four know what Amid of drawn the is, where you alream you're pissing. But

wassi up-100 Motor water and or display the it, when you dearn you re-passing But if a not just a dearn and you've young to wake up and had the sheet were and out and you got in the Laterouse with an been diswaring. Pretly, soon, Brough, he couldn't say, what the dream had been about Just they have do you can be about Just they have do you can on the Abbe a white, he wasn't even sum of the . He got to the stockers, put some water in a.

Are a wine, a water revents or male got to the inother, but some wifer in a lartie, harred on the electric stowe, and opened the window. A two buberhas flee post him out of the open window. Who stew how long they'd been hiding in the spartment? And how many were still in it, befind one

peace of furniture or another.

There were strange and sampling stories told on the subject of butterflies, the sort of rumos that no one really dared talk about but first eventores had heard at one time or

arother And you of worker why such sones gined on early But they did.
If was sed that these stones began as faces falsen from did entomotogy books.
Supposedly falsen from did enformiogy books. But no one dared to go to a library and bak for an enformiology books any indee.
If would have boiled very very suspecsion.
We seen come legification reason to thy

to carn more about inscrits? For what reserve would one be interested in enteredogy? Except.

So it was difficult to know if the rumons were nellable or not. They sure looked like

Anyway, before they all died, when you could stiff find them cutsion maken hallow more and the section for the country and section find the section for the country and the section of the

on smaller bedau the very birds that had on the butterflee. So to protect themselves the butterflee is warred or maybe they definition maybe in was just some land of Danwinan selection, but that wouldn't change anything either way) to mind badd of pay.

A commerce wouldn't had oneth a hutterflee.

If was just some kind of Dammans selection, but that wouldn't change anything other way) to minute baside of oney. A openior wouldn't should be built and, suideship, find deel finded with and, suideship, find deel finded with a neight and to just plus that eaging wouldn't selly be an eagin, just a small busterly representing to be an eagin, just a small busterly ways on its wings. And that entrol busterly will be a small busterly and the sell of the sell of

only problem, because boloro ruming into import adults, magoes, butlerfles wers caterpliss, and larmats thought of the caterpliss that do their crops as a plage 50. the time of prescholer came. And at the documing, they were very effective.

b beginning, they were very effective. Except that insects, and especially butglierfiers, adapted very quickly. And calergiflats not only began to find prescribes very not sessionings, they became addicated to them and got to the point where they headed growth and prescrib quarties or and where do you think they could find these very thing competitions?

And where do you think they could find these very high concentrations? Ser hear about food chains? The highest concentration of pasticides he can be found in the visial organs of carrivo-

rous animals. Men for example. As you can use thiss shares very much resembled the kinds of slores potents always tell their children to higher ham. "If you don't stop it, if you don't drink your soup, if you keep on being naughty housefully signing come hield gonnalies his

There were strange and terrifying stones told on the subject of

butterflies, the sort of rumors that no one dated talk about but ... everyone had heard at

one time or another 9

eggs nyour hierand in your kidneys and in your brain. And the pasephilars will self you. It was a way were son you fit he way wery son you. If I be too late. Well be very son't or you but if if it is not work.

"But Daday, the butterfly won't know if we'le bed it you don't tell him, he won't know." "Oh, he'll know You'see, he's got eyes on his wings."

But grown-ups are no longer kids. And

But grown-ups are no longer kids And to one hing, linely know her if a rould be nearly impossible—no, quite impossible—for a butterfly to lay to eggs in a human bran and for a catesyster to survive in a human bran body.

Unices they get help.

New scratterines when you need field.

and even if you're a butterfly you'll find people-willing to help you. Especially when they're gat something to gain from it. And if people could use these butterflow to spy on everyone. They'd have something to gain from a include.

When he looked for the cigatetics in his pocket, he found the carefully folded sheet

of paper life was supposed to Xerox is. Theority oppes much the could impair from As large as the took the necessary precurtions. To spread evolutionary striking all over the world. He hadn't even read is, which, his had to barrie, was very agentcant. A year owner, when he'd extern the Newment In swip! Habrit beam sibs to wast to read the things, would even take the series to see them as soon as possible. To his, then, they had had tream-dous report tions. But he did it over for them asystoms.

har to the meetings.

He don't own know why he was set abending them, and he got the definite impression that they never led in yet had set approximate the more meetings. Meetings that like the last one would stop in the mode of a semiance, as soon as a butterfly appealed as emiance.

In the cools

Strategy expect, but, in a way we make you make the cool for the cool

Sufernast But why? So that we go on doing the same thing that we've atways done! Teachy Xerox copies of Xeous thinking Xerox thinking Thinking Teach him strate.

copies of Xeas Intellige made him strate. Xeros thriving The ridge made him strate. The problem was the didn't know what else his could do.

As he entered the photocopy noon, with the leafest hidden in the middle of a bunch.

no lease indoor in the mode is during of other documents, he saw that someone was arrestly there which was quite installed to the time of day He decided to come take, where "No, wast I'm nearly finished. Hive minutes airmost But if you rein in hum; you can make you region over If the Really." No, no hum; bill the got a lot of documentatio faces are valued belief first in your

This Just a little too friendly, and there was

"Okay" He didn't know precisely why but these was something about the guy that he didn't

member of the country from the country from the country from the from the country from the

them in their faces or tear all two hundred and do whatever they want with them, bethis take what shey've written and make con-Hard really live to do that

apart in front of them

Accusations, apeaches on the Right party line, on the dangers of political heresy, the

Establishment, the clangers of leftism Might as well talk to a brick wall. Endless of the judge, always arreque to find you guity. That processly was what made han

sick. The mere thought of it made his storrach twist. His throat was dry He tried In awallow, couldn't In a way the Mounteet their almost exactly Me the System Menery?

Towns to unfact steel, to on unredicad ma Movement begins to resemble what it's Or has it aferson brown that way? Was I was

The idea made him even more uneasy. of ocurse, the inendty spider saw it wrong with the feating

wen a motelye. He knew what the guy Think! Tiopen the transom if you ditelp me move that case over them. Edicimb on it

'Are you sure that...." Yes. I've got more work to do in here this alternoon. And if there's no one to help

"Disay I'll help you." "Thacks" more Eke a nightmare. If he opens the

butterflies flying around them. "Oh, butterfren!" The guy was on-

So beautiful Those colors-"Creatures of God Angels You know, I

really think they are Guardian angelsfollow the right path. We're all senners, and

Markind would have gone on to inevitable destruction Volumes, murder riots, discr-"And they're so beautiful I can stev hours God: HE watches THEM! What did I do to dresecve HMZ He's vasage-

His eyes were brilliant with inner conviction, with an observative draw. Probably the he was happy But his eyes were just too

And he laves the bullerfloor

min justifiers to watch us, to spy on people But people loved God, didn't they? Where's the diffusence? When you think about it. God is the ultimate dictatix, his

him Sweet suphemorn) anyone, whonever he likes. Even in death you part escape where he can impreson you former A good thing he clidn t believe in God, at

Am / waily nurs / don't in fact, poice states use that recenblance-merecy again?-use our superathon to control us, use our lear of God,

even if it's so deeply buried in our brains Butterfield everywhere. The Eyes of God 'Cooler, ion t #7'

"Excuse me I'm sust--" "I seed, Cooler isn't #7" Yes indeed Yes

But I gan see I'm interrupono your thoughts. What were you going to say? No, nothing I was just, you know thinking about what you seid, butterfires being angels-

houses we know they really are Mary people don't like them are alred of them. from them. I've heard stones you wouldn't believe about butterflies eating people. That's abound They're so besuitful and they love us, you know they really do " Like God does

buttorfies too I didn't feel right, I wasn't with my brothers. Life didn't have any meaning then. And I even thought of pinning movements Jesus, he knows And I can understand why people do that I don't they don't know the truth. But I know the

only Trush. They're all out from reality all of them, imprisoned in their googon of truth



"Well, I must go now." Nearly crushed his injers, put something in his hand, and left. "Good-oye, Brother, and don't heast list call on us." He found himsel alone in the photocopy. He found himsel alone in the photocopy.

noon He and the Xerox machine, surnounced by butterlies He was on the wage of a remoust breiedown, all leadbeing why he d kept his mouth shut With all the shiftle guy had been pounding at him He took the thing that the guy had appead in he shad a sheet of paper guite.

he took the ming mai the sign has alphed in his hand it sheet of paper quite enderfy in Netox copy of a leaflet, a tract. The treatly spicar wise also using the mainris to make leaflets. That was protebly furing but he didn't see like leaging. These were now at least twenty butterflow on the room. They might have knowed this on the room. They might have knowed the

guy who loved them so much, but they hashn't they'd preferred to stay obsocially help or strong that stay observed to stay with him as a positive station with his problems and who cloth't held at ease. They were so full of love that they couldn't losse them alone. Proposity wended to show has he way to dod, to the ultimate Turth that would god, to the ultimate Turth that would

crisings his line forever.
Sha!
He dichn't know why he clid it Just that he left terribbs afterward, hardisk but barbar All he barbar neleased suctderify gone.
Everything had added up together his

guit toward the Movement, that guy with toward so safet of with the Mystern, his fear condition of the Movement of the butterfles Sutreming of sound here, were where Hereward the positive fine has south here made the copies anyways ever with the Judicetilias. Turnides of them, whistere the consequences might have been Just to prove to herewith the terminal get the best of him. Buserfless past couldn't the best of him. Buserfless pain couldn't.

sead, even loss when they could see just the back of the leafed. But they just wouldn't let him use the photocopier There were always four or five of them on the glass. Wiking, making fund hay Whish haired to shoot them away, more

Come
Always the same hypnotic movement.
And they wouldn't leave, so if the situation amused them.
He saw tampelf, as if he were someone.

else, told black the flap. Crush the butturiles under it. The banely perceptible rouse of the crushed thorsaxes. He didn't let from escape. Set the earth of the oppier on "opios".

And pressed the button A flash A copy of the dead butterflas went out of the machine. The yeas on the wings, the yestimates of aqueened abdomers, a wing folded, as if one of the butterfles had find to fit yearly all the very last moment. A very impressive inflage. He made one more copy then another.

carafully on the dead things, and set the machine on "submatic".

His sat and watched the copies coming out. Tohak sodo, scheklodo, scheklodo, scheklodo,

tchak. It looked like an animotion tim, as if the judientless want at it alwa and trying to escape from the sheets of paper but taking. Try and tail Over and over.

Try and fail Over and over.

After a while, there was no more paper.

The machine stopped. The Xerowed bulterflies froze forever.

He wasted for the guy to come back and
within for johning to strike her. for some-

within, for igitaning to driftle him. for something to happen. Nathing did. So, very questy is surprised him, he took the dead butterflee, pull frem in an emisippe. In their in it in isomerator, cleaned the glass, took all the cooks with

He woke up screaming

And this time it wasn't difficult to remember the rightmare. The images were as so wild he tell the would never lorget them. In even though at linst, they didn't seem to make sorise

his was walking on a transparent glass to surface it was huge and reached to the w

6He didn't know precisely why, but there was something about the our that

he didn't like. There was too much interest and

curiosity in his eyes. He made you think of a ... spider 9

Then came no came hereout Under his feet, deep below, there was a bitsong light moving forward and back, shread and back, shread and back. The sky was unformly and, aword for a And that was a larry mee.

yellow sloud with a black arring And the cloud was corning in the direction. These was a voice Nut a voice of hunder but a friendly voice. The sound of which re-inneded him of this father. "We now have all the data we need to Xerax you. And that's what we are going to do, make a copy of you, a three directional copy of you, a three directional copy and you at the direction of copy and you at the direction of the second copy And no one will ever motion that

difference The only person who'll know it's a copy will be you. But you won't be there anymore. "It won't be a puppel or a robot or a comber I'll be something more and something less. An image."

The distribution on the proteon and three.

The contribution on the proteon and three.

zamice fit be something more and something less An image. And, part like you, this image will think, will love, will expended by a major that find the furnithing is that it will even be affected to be replaced by a copy."

Why? But why?

His whole body was covered with sweat Drops were taking to the glass surface splishing green olly splashes. The voca answered "Change is Evil. That way things won't change. When everyone has been copied, would will be partied, a world of images in which no one will die anymore. A world that will last forever."

that will last forcer?
Then, more clouds came over the hotzon. And suddenly all the sky was like block rubber as garnot floot hat was going to crush her against the plass surface. And this floo was made of butterflee, bellions of them with east on here was

blinds of them with eyes on their einigs. So he tired to escape, to und away sharmood in a close of treet, a jungle. He knew that within the lambs at the sovest he would be sale. And he came to a very small primative village, just a gathering of hists. The people were in the village accuse, hording a meeting. He knew these people were the last lincale. And he frought that he

sound as a lower product of them and of the should stake as the photosof them and of the visings it the portred his content. The pockets between the portred his content. The pockets between the product of social desires, and topical desires and topical between the product of social desires and topical between the product of social desires and topical between the product of social posteriors. But they were asked you would be the product of the social posterior occurrence of the product of the product of the social posterior occurrence of the product of the

wilage

A little away from the meeting a man was setting in front of his house. He wered to take a picture of the man's face but the man's back was but not the worked were.

quety sterily like a feline, so as not to implean ten filter has surprising the and book the poture. The man dight have the firm to hide his face. In fact his dight even by to Just smiled. Then came understanding and fear Tho

And he thought: "Now you haven't got a soul any mose, just a Xeros copy of a soul." And that a when he wake up screaming.

Retox imagery carrie from But there was something more. Something that inhead up with all his consocus and unconscious fears, with everyone's fears. The fear of not being me asystoms, of being replaced by something that wouldn't when show it wasn't me approximate. A fear is not as marketind, and maybe and show it wasn't me approximate.

There was the tidk belief that you can see your double yast before you die. Or rather that all through your file your double is pain of you, and that sometime before your death, a month a week perhaps a few hours, he goes away.

The profitters who were straid of the

In a way we share the same feer. No width doctors any more. Computers. And we're shared that a computer will ge an accurate image of ourselves. Yes, accurate anough to be used for imitedive mage:

No more dolls with needles stuck in them. but meanatic hapes, video recordings, perforeted cards, date banks

girning of the meeting, in a guite awkward way Rased his hand and said. The got something to tell you about the butterfles. I ve been thinking, and-"I'm sorty it's not on the agenda. No unscheduled matters. We can't afford to

be ellowed to continue this meeting. So prostes fre. Chay?" So they got to properties, until they entered that, of course, there was a butterfy in the

hat was the moment for which hard "Wall, as no one seems to have anything more to say maybe I should tell you what I want to tell you

Amous gimpses in the direction of the (voted his speech like an automaton, very evening, ive been thirleng. You probably know that bullerflee, I mean certain some

doean't need to apy on us. It just needs to 'As I tried to tell you a little earlier this

Now when you're engry or envious when you clor? feel okey and most of the ely the way it is, and you want to change it. to do something about it. I mean meetings like this one withough I don't think they lead anywhere in a way you re frightened offed, and distressed. And when you are the that, you amit a very specific ame:

Stut up You're insene What do you went? To compromise us all? We don't want to have anything to do with you. We don't Neither do I. But I won't shut up. Because I'm not alread of the butterfless And I afred of them, and I don ! think they re soyafraid of being speed on, when we give of that specific smell that says, T'm afraid to

have us think it's soving on us. Because then we're persysted, don't dark do envthing, don't even date think And those even on the butterbes whose

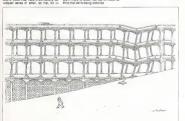
"We're just like mice, hypnotized by a snake, waiting to be devoured good speech, but he'd hoped for some

silying II was exactly like addressing an Well sorry to have upget you it's been a hard day Good-bye He went to the door and poened it. No ferred to have them attack him, even kill

him, but ironically enough the presence of The room must have been strking with anguish and fear and halred, because the Some again I sust forgot something He tossed all his leaflets in the middle of

the room lowerd the owing, closed the He didn't know what he was going to do new, or what the future would be like but he

Not a single butterfly followed him A wasp did, though But maybe it was suit an ordinary wasto DO





The invention solved the energy problem, but if took a sea captain to solve the inventor's problem

OIL IS NOT GOLD

BY SAM NICHOLSON

admit was patter media. In the patter media media was patter media stapped on a few toes and blooded a few nose—I have always from the observable of a few nose—I have always from doubselending to be a dirty pip, whether at set or in space—but the Company subordary Space Mingline, the face dup the before others worth of metals for the most smaller. In the space was selected that if the conditions are not smaller. In the space was selected pattern that the space state of the most pattern and the space state of the space state.

Operations ordered my to New York from Space Minings. Assembly Listonth Complex at Carabona 1 issumed my oid for your worted to faste southings. as usual I barged into his office—and thought of both Mindeleber, ny was going no his out nod and through the Minings to the hot seet.

leased my bulk into the worn wooden char and waited the cleared his throat "Caption Schuster the Compeny is not exclusively concerned with dollars and cents." "This so?" I said gonally the mappeted this as on yeat? and got his princhednose support expression. "In both departments—the waited to the control of the prinched of the control of the

feet and the space metals—we must maintain our image as a solid yet progressive and far-minded organization

PAINTING BY DON DIXON

mar this mage."
Whenever Mickelberry started talking intege he was leading up to the fact that I lend to shoot off my mouth. I complemed, "Jeez, Mickelberry wa've been through

"Jesz, Mickleberry we've been through the locture before." Not this locture, Captian Schuster Your recent space exploits have made you a prime madra object, at a time when spocel-interest groups are highly articu-

late and able to —uh —nype their critics to death. He put his lingartips together and confinued. We are living in a jurigle of incloinant macritise who effectively deay bee speech to everyone but themselves. Recently, Captern Schuster, you have been volcing opin rest—living that gritise—set.

cerdy, Captern Schuster you have been valcing opinizers—Third Monta grifters—felt danted in pains—and the Company has been under considerable pressure to the you?

Okay the see it wouldn't be the first

Intel. "His bias oyes were cold: "his do minority procure? We would nother persuade by procure? We would nother persuade by Crotivan los entirely this second water of the Bland Majority—namely, silvence, which presents a staged for—Min-Intel and yeaping, which is assured to be power as in the bland took." If thought this own is personally got in the procure livenies act as the bland took. If thought this own is personally got procure livenies and an extensive silvenies and procure and the procure of the procure

pars—But I do not want the Company viclosely arrested or begotited. Microleburry want on: "I would be best if you marriamed allow poster during the need morths—and therefore we are taking you off the appage-menting projects. I told myself Mickelstern had opened

with the Bad News. Now would come the Good News I granned. "I'm gorna be working on the did briny hey?"
"Not exactly on the sea, captain You recall the expartments save sing we chanhered to Taccon Chi. secoliciativ for their hered to Taccon Chi. secoliciativ for their

feld shift, shalle-convenier in the Guif of Mexicos?

I had been in space when the deal was made, as I was not up an fine details. As I understood it, a sourcist and bound a way to field clock an air chamber in the sea and, by the same granipple of miscallar control, to convert shalle be heavy liquid at

Of course. Taccon had their own worldwide fleet, but they needed a different pumping system—larger-damner lines, stronger pressures tank circulators to keep the sludge from addidying. If wisk cheaper for Taccon to charter a ship from

us than fow thickes one of their own tankers from professive trade. I tasked Mickleberry "What kind of charter party?"
"Sarps the Holman is especimental, we

However, they take orders from Taccon, and a dispute has arisen. The Hattern is now dry-docked in New Orleans, and Taccon has fised our skypper."

"Can they fire htm?"
"You're the ses lawyer Contain " Minking

iking beny tore off a memo sheet and handed in that I is me. "Duri right leaves Kennody In two hard, hous!" Pick up your books at the artine loops obek." I put set there and eyed Micklobsony "You want me to marrian a low profile ou a and volume pending me to target with its

trole-dealing, public-be-damned, procgouging of company?

Mickleberry amiled his pale smile 1

Think you will find Captern that Taccon OII

Is began than all of us.

is bigger than all of us."

The she's agent met me at the New Orleans sirport and drove me the considerable distance to the dockyard. Mickeberry

had been maniformed on one point. The PT in Manner was not on the dry dock but is alongside the disciplinate of earth of the accommodation ladder had spotted the carefront begate, so a semant was warping of

4 That it should happen

in America—I think that makes me craziest! A free country—but who is free? Nobody who buys

oil There is no Congress—only an oil lobby! There is . . . only oil—oil/9

on the clock to take my sustance.

I thanked the agent for the nide, climbed the accommodition liader shock hands with the critice, and continued tagod to the alegade to guarters, where I really be-

gan to arroy myself. His office had room, and the ser conditioner contend on secular not need to grab for a space sai. The shaper sais a decent young hammed Cumsings Sober-face, somemend Cumsings Sober-face, somehale shaper some some some some some shaper's decent to promote him to Master liganed he would consor up as the face controlled and mote sure of himself. He

Cummings followed thy glance and amiso, "Dr Von Reniced apit when the third mate phoned up here that you were as the gate." "Flaw the coop, hey?" I commerted wondering who Yon Remarks was A gip gets out of bouch in space. What's the Taccon hassis at about?
"Would you like a dirtik? it is a long story."
"Fine Make if a long scotch," I genned.

"Mount you like a drink" is a long story. Fins. Make it a long scotch." I ginning When we were stifled comfortably with our glasses, he stock has copy of the charter party from his deak and handed it to me. "When the ship was chartered to Malvords CR—"

"A factor infermediary Matwack was to pump up the legalised shale and sell it to factor, who would sell if further—Japan, I guess." Which company owns the converter constitut?"

operation?
"Taccon So the oil would go from Taccon to Malwinde to Taccon to X.—"
"And to Taccon again?"
"Eventually with a cost jump at each level. Eventydring worked fine, ot fine. We

delivered a couple cargoes to the flactor pick here in New Orleans—and then Taccon abut down the conventer. "Why?"
"They don't want to marker the pri. The world is outsted with oi. They wanted to

"—and the Helmen's charter had a long time to run. So Malwerde put us who the crude-oil ring-around-a-rosy." "What mg?"

"Oh, we'd pick up crude off the South American west coast idischarge if at the Babba end of the carral pick up more crude somebody else had discharged, carry if brough the const, discharged if at

some Castolean terminal, pick up more crude somebody else— "Alleskin oil routed through Jepen?" "Hell indoodly knows where the razzledauzie begins or ends—except Taccom You've elsopered three larks shop. Capitan

Schwister—you know the drift "Oway so you've been ferrying crude What came unstuck?" Well the old Hollmen is just a camer for heavy crude Shifts only rated for drift originated by the third heavy child he recomment to just her into the highwrifteejth.

clean They told me to dry-dock her for tank cleaning, and they sent along her had obside—high-grade retired." Ther tanks are probably garmed a foot thick She'll never clean up enough to pass representation.

thick She'll never clean up enough to pass inspection."

"Maliverde says not to worry about the inspectors But Captern Schuster I can't read my Manter burgers from to up a drift

nual bucket in the clean fraide. I fold Malverde the Company had not empowered the to break the law. I could not help saying, "You prosessed too quick about the clean charter cliefth you?" There is nothing illegal in dry-docking or tank cleaning. You should have let Tabcountries and the separate—and their relused to break the relevant least. Was, I know the coold-have played of that was, I know the coold-have played of the leasting crocks right down to the were and pushing than own. The inspection know you, and they'd just gat a laugh out of the

their. But they don't know me. And the oronce of the clean charter and the imposed by dirty ship would macket their I went along with Topcon in their hopes of disblings of the respection. He'll had to make my own interfaces clear ingifit at the start. "Not must realize, Captine Schrutze; their you can get away with a lot of sout the water.

powever, it's hard for a guy so make intedigent decisors when hat's up to his neck in crocks. He was going on, "What bothers me most is what Taccon has done to Van

Rended 1 (1014) What's that?"

Yeek, here's a genius with a solution to that energy pictolem—cheep instancion from the soa bottom, with a minimum of hardware and easy transportation. And flacoho Ob lovy all legal rights and set on dreft Von Rended could give his bisseness seems of the results and set on the first page of 77th New York Services.

how times—and reporty could use them! He's being throttled!"
"Get Von Remeted up here. His dinnk is

disked. Thotals? The different securidad of And Castain Servaire can it shard to see a driffing six Assum. He smitted, hung up, and sed! "The doctor may not be invited. The state, amost on the state of, monitoring the chamber and sea-bottom equipment. He's got the idea of the following the state of the

morested in stilling his wvention—but its an indication of the dispression. The impirit tak man theap if I weren't around "continued Currimings ming from the chair, and III sat go below and discuss some things with the chief engineer." "Good ridge. I swallowed a stug of

sootch find weaked for the immediate. A guy whose sent has been broken is a patriatio sight from the mediate sight from the patriation sight from the patriation sight from the product them be possibly and in an artificial than the possibly sight from the stipped of the patriation of the stipped of the patriation that is the patriation that the patriation that the patriation that is the patriation that t

pected, after hearing Currimings talk about me. We shook hands sat at the table, and testioned our dinnis. "Captain Currimings has been very kind," said the scientist, with the barries time on the ng—I would go entirely crazy—so sometimes I come about his Halmon. "He tamped the pice with shaking lingues." I have a—a monomera. I fank I have been dreased—but, as Mr. Bring says I am just a little crazy."
"Who is Balling?"

says I am just a the class." Who is blank a fee calls further a coordinator for Mail work of Mile is a feet—an entand boy between Mailweds and factors the allowage am eye on the air of the shalks in gift has a feet of the coordinator of the

purses is and welf on, "paging can explain anything away How can'l thris lifewishess chand?" I have been well paid for my invention. Naccon page everybody verywell I am non almost But. Captain the is not all dollars and overs..."

The sentiment sounded before from Von Reinstad than from McKebberry.

 We set down on the forward deck and walked
 aft to the square. A crewman

pressed a switch and thick-lensed lights glowed from the darkness — into an enormous — well that went down — six fathoms. §

"—and I want my invention to be used, not suppressed But Earing says. Who is suppressed? There it is dainy dots.

hay operable. Ready to be used when the time cores.

He isophed and def sound a life crazy 'Ready when the price comes is what he maken' lacon's as pook. Captain you wouldn't believe! Not even a cent profit do they gat at this gat pump! But how many corts between Alaska and Japan and liacon and Mahwells and Sacon—

But the good they do with their portical Research — big labor storing— lates beares— lates fasco— ede — beauth beares— lates fasco— ede — beauth beares— lates fasco— ede — beauth can give you chape energy now? No must be bromeow when the price is high and they can sowers and severe — That it should happon in Amenca their Nati Insiste me creates? A fine county—but who is fase? Nacody who buys oil? There is no Corgress—only and lobbs? These is no prostder— on enthrust

Itws—no courts—there is only of—of of—if "Well there's the Silent Majorby" I into-

posed

The stends No telegraphing purches until a flagitider sends the yeapons to the convex Every action you know has its reaction. And when 200 million fed-up people thelly mact, Taccon Dill with Individual what hit en!

"I hope I had to see the day!"

A stouched in had lead a horter chance.

Inope I we to see the day!"
A snowball in half had a batter chance
build any rose had charter chance
build any rose had charend him up I saud.
Tick kings like to see your invertion, Doctor
I don't understand how you can make un at a chamber out of lines of from!
By a whitein of molecular the field
makes a wall of solid-flow water?

"By a shifting of moleculus. The field ill makes a wall of solid-find water" ill jugled my drink "You mean loa?" "Explani Looking and Tresporg' are temperature onemad concepts. But we are took! tood without heat—by mototell waters that induces invested energy. And we

all can solidly water without odd. On the chamber waits are very elementary. And since we know how to rearrange molecular latings in a torce field, we can do many things, the liquiditying shale for oil in a moment." "And making odd from lead?" "And making odd from lead?"

"No se, Caption For that we must rearrange atoms structure, an inhetity more officult operation I would like to show you my shale convener, but you must sak Mr Ealing I no longer own it I am only the penter".
"Where can I get hold of Fairno?"

"Mits, I believe he was to come to the axis in valentary your Company told Reccon you would be among—. Besh the law in 1804 and the Nesh the hair I look another evaluar and wondered about Ealing The designor's reney. You Resmost mass house, grabbang size and paperback! said, "Hey safer it cery?" but he was gone like a nearlanged evaluation.

like a near-singed michacule.

Lanswerted the phone. The watch officer and. "Capitan Schuster Mr Enling is here to see you."

The charter party was still on Curmingsis deex I picked if up and said, "Chisp themica, we ne needy for him."

The Mem Balag verland the office, I as taked that is all the arrant boyst—the jordes—the baers—boyst on the Creacy analyze classified, Play were not set just, and the common properties of the common common ground money. They were pully well and always safety hing your fromthe or movements area. They boasted used well common the common common common and the common common common section of the common common before the common common common that me common common common that the common common th

Old Man aboard Your young expiper antidry behind the elest."
"Reath—bout "accord could" verifying one afraid and destined the fanks, anyhow.
"We should clean save for the Company? You're a real gas, Captain." He helped Inneal to Cummings is "hoosble. 'Why all the hoo-hah about a rerating?' Tenkers on from dirty to dear, every day in When they re in a condition that can be cleaned up enough to pass inspection.

that concerns the Company Not anymore. As the charterer Taccor 'Yeah " I scanned the fine print confi dently knowing Mickleberry had but it to pether. 'As inno as the stro is used for the specific purpose of carrying dirty car-

"Our lawyers can falk to your lawyers." "Nuts. All we have to do is call the tank inspectors and blow the whistle He gave me a faty grn. "foult never make a milton, Captain, if you take that

"Efe is more than dollars and cents." I folded the fine-part pages. "Mr Ealing, before I fly track to New York Tid like to see Or Van Reinstad's invention."

patcher There's always a tarker heading past the rig, on her way out from the New "How about a helicopter?" He heutsted, and the corners of his

ters. But he said, "Okay At the Taccon pier, tomorrow morning is the old girk parring You view Dr. Von Reinstad as an old

a do-f-yourself or-extractor that would knock the bottom out of oil prices, and he selfs if to Teocon!" Eieling laughed heartily

"And he sells it to Taccon The next morning Von Reinstad and I met plant was need and polytion from byst like in the aids. It might have been a cover off the old Sahirday Evening Post

A twelve-man chopper flew us out with fiable, except it seemed to rest upon the

We sell down on the forward deck and walked oft to the square. A coreman glowed from the diskness. I was looking into an engineers, placey-exted well that

hardware on the sea bottom Below deck on the ng were two gallanes rooms and living quarfers "Everything is submanne and self-

contanged," explaned Or Von Remoted Yeah, but if your force-field walls collaces you'll be flooded out!" I objected. are like agace capsules. But for backup security, a water 1ght hatch gover doses.

"I hope you get the guys out of the chamber before you slam the hatch cover "It closes automatically This is a inject operation. Only rarely is a human being in

the chamber-miself-or a visiting freman," he serried "Shall we descend to the Not me" said Ealing, "I don't trust those fuse blows -- and you've had it?" 'Chino Mr Ealing "insisted the inventor "I needy can't visualize what could fail in a

gigm precaution-I was willing to take Von Reinstad's word for the safety of the chamber Every link is biagned off from Canaversi in a specemining shuffle. I was taking a scientist's

word that nothing would fail And so far, nothing had falled Von Reinstad and I climbed down the gallery inddens to a small lift piatform and look the lift to the direct-mud see bottom.

> I saw also that the chamber had a pumping system similar to a dry dock. Naturally after the water wall had solidfied, the erclosed water would have to be removed. when I took them away I commented. Yeah, you maily have agmething here " He arried, " sell show you the control

console. Captain

We ascended to the lower gallery Von showed me what seemed to be several ziton microelectronic components rizable patiern, like a peoboard with title gray pegs. I asked. What part do the pegs

In an unconsciously proud gesture, he brushed his hand over the page. They deterrine how the molecular lattices, block that it holds water

Suppose a peg was defective." permanent if a pag were to be removed. would be incomplete, and leaks would occur - the extant of the damage dependinc. of course, on the peo position.

pasually unlooked, even though the convarier had been shut down-and the ripbound to give an ingerious basterd ideas to get the converter rights back for Dr. Van

After lanch in the upper-gallery mass

Renstad

room, Lasked Von Reinstad Fillhad portrio "Of course, Captain." "Oct a weeken-talken?"

'Nes we have miscommunicators. Cap-He pave me a powerful little box 1 put 6 in tramped mysteriously around the sea bottom I sounted up now and then to see Esting watching ma from the top gallery

When I had him on the hook, I ascended to the gallery laughing to myself. "What did you find down there?" he demanded "Taccon would have a fit if they knew?" eye I could see Ealing work up his courage

I ripped into the control room. The panel peg loose. Fights flashed and bells rang Nothing happened-but the peg was definitely out of contact. Apparently

I legged it to the pistions, called the lift back up from the mud, and descended Eising was retramping my footsteps. He said, "I don't see anything "Naturally not. Metals are difficult to recograze. We learned that in the astercecks."

The geologists aidn't find anything down hosp but shale." They were only looking for shale-and the place is lovey with molyakte, the rarest Reinsted was crazy, hanging around the not All he's waiting for is for you guys to go away and leave him alone?"

"I don't see anything-oh, God, look at the well his well "It's running down, all over! Lefs get out of here! Falmo stampeded to the lift. I plowed through arkle-deep water and jumped aboard as he sent the Mt upward

We carrie to a stop short of the closed took if from my pocket, choked it on, and held it to my ear Von Reinstad said, "Cap-"Yeah, wa're on the lift. How long will it

Quintity I Hankert Von Bernstadio roots and continued taking to myself. "That 90? I understand. How many days-?" "Days!" Ealing was shaking me. "What did he say about days? I returned the communicator to my ing. Any unattended control system is , pocket. "Well Von Reinstad's kinda short on spare parts-didn't bother, with the

> "It ain't all that simple. You oughtte undecatand, being familiar with Tappon/ Malyeria meditors I mean you nays

18ke?

centration to sell Alaskan oil to Americana, when you've got all that Arabio till ogsind oil. So you sell Alaskan oil to Japan—and beng indonesian oil to the Canal—and sell in to lecton—and Taxoon brings Pessivan oil to the Canal and sell at 15 Makerda—"Whet is that got to do with—?" Whe if it he some in electronics Adalays.

year in a teresine in decorption. Assets of that, like New the molecular calibrain is manufactured in Boston and then flown to Appan for the microdigizal and then reliamed to Boston for inspection before being sent to Bestate for the loggle-splint—"But there must be other manufacturers!"

"But there must be other manufacturers!"

"Well leach but for MI flow conditionals."

tumes to become for inspection before being sent to Seaths for the toggle self-time. "But throw must be other manufacturers!" "Veil, year, but tie Oil, hery real playing pathycake in the same carter! An outfain 35. Pathateburg makes the same catters but they send it to Hong Kong for the microdigatal and Sydney for the loggle self-time. But the water is pouring int The pumps can It handle at Well it desant. For Godde and It was it was it desant.

can't hands it we'll drown for capital sales, get hern's prinsit the clary chain? "Broak the clary chain?" I look it clary breath. "Yah, go thead and soream "Broak the daily chain, you goddammed son of a better in the bad window of 76 and 77 Americane force to clearly while the old carbiful played with their clary chains and

carbita played with their cleary channe and leughed all the way to the bank?" "Stop talking—and do something?"

The water into reing pretty feet. I said, "Maybe, if we could make it worth vion."

and parol and antibiled, "On behalf of Tacoon Oil and their internedianes and subsidence. I hereby return to Dr. Von Remetad all rights in his per chamber and

shele-convenier" I held up the notabook.
"Sign this "
Ealing peered at the page in the wavery light from weter-distorted lamps. "But I

don't have any authority to sign such a statement!

"bu seem to have plenty of authority to deal under the table."

"No acreement signed under during is

any good!

"But lewyers can talk to our lewyers."

He segned I tucked the notisbook away oldok the communicator from my pocket. If and anached non "Doctor?"

and enspeed if on "Dactor"

'Schuster! Thank God! Wire checking...

Relax The only thing wrong is...

Enting grabbed the communicator and
writed, "I signed! listinged Get the ports...."

He was like a wild man, shaking and sotiong The communicator spurted from his hands placed into the rising water, and disappeared. Well them wont the circles a large water than the hand come. About

Well there went the old ball game. About a allion microscopic parts to test out— Ealing was affil rawing. "Darrin you, Schuster! I'll drown you first!"

My ffind was on some way of tapping a

Morse message on the hatch cover and I was not paying a stanton. Earling lunged against me and pushed me from the lift. I fell on my back hitting the west hatch I fell on the last that is a stanton as a stanton and the last that is a stanton and the last that of the last of the

conesting. I know you had ficked him with the will, and I warm immediately but push the past temporary that the distribution on as the wall soldied again we could open the hatch." I still say your emispency system works son-backwards. "I growled. The rig crisk had brought me up before I had gone down for the break time. My back or and the still say you will be the time. My back on the still say you will be the time. My back or the still say you will be the time. My back or the still say that the say the say that the say

The rigidow had brought me up before I had gare down for the third time. Wy back was one and stiff and I fall waterlooped but I had daily and I fall the waterlooped but I had daily and the cook had deed in chines by celoric, not knot be contents of my pockase, and it henced the bitmediscree of poper to live Reinstad. He had also dred he contents of my pockase, and himnifed the bitmediscree for poper to live Reinstad. He had it and armided "Thenky you, Cestrem—but Ealine."

"Currenings had described you to me-

how you played traks and best crocks at

that own game. So when I heard you say

Relax, and Ealing talking about signing

has already explained that the eigneture is not legal. "True But fortunately for you. Or Von Branstad, we are not living in a country of

≨ Ealing stampeded to the lift.

I plowed through ankle-deep water and jumped

aboard as he sent the lift upward. Sirens walled —and the automatic

hatch slid shut. 9

level but of government by modia pressortis. Now what you should do is here in good PR expert. He will build a campaign on the fact that utilized in a replace in the purchase of any invention unless the cormany is explicitly stated. No installury ussumed lapoon would put you invention and lapoon would put you invention.

into full operation. Single this was not done, the deal is null and void."
"But—7"
"As recognition of this fact," I went on,
"Mr. Eating, in remorate and wanting to

main restautor below what severed inventable death; gase back your revertor. The counts—? The counts—If he counts—If he

Von Reinstad's poetic eyes freshed-w

with amusement. "No. Ospisin, you have already strong within the Osen Australia the Osen Australia the Osen Makey to the Osen Makey in You took was yor yo thin-reas when you made me realized in was not extending attree. "No hundred mileon are all around me, standing from And in a low years, the oil controls will have gone to give manufactures of buggy whether the original was glid he had got over the frust track depression, but I leave Mg Old would be the office of the original of the original or of the original original or of the original original original or of the original original

Ealing stayed aboard the rig I felt he would not leave will he had conviad the page out of the Renated, and I hoped the pages out of the Renated, and I hoped the interation would not give if up I flow back to the Taccoon terminal that evening Sameone onthe right at baped of the model to the Taccooken," and a garg with reported was walling for the Joseph at those that the word way—the Joseph Santock mit the word way—the

ceals. When the media asked me to comment, blow my stack i invested the whole record and event or. "Sure the or carried are experimenting with other energy sources—to manapolize them as they we manapolized of in hearity years a person with sider parents on his root or avariant in his basicyant will pay more for surlight and word thanks may be root for surlight and

I take them, all right I got the whole thing off my cheet. When I had run down, the media persons clocked off their recorders, each "Therris you, Ceptism Schuster?" and ran for here care. I seed by the property I seed back to the Holmen and early set lates. The nearmorning I caught an early set.

to New York I did not bother to read a newspaper or look at a TV screen I know what I had said—and I fell have words had never been spoken Of course, I had shot my "low profile" at to had My severance gay would be water.

for me. I went directly to the Company offices from the airport. The Operations floor was quiet. I could not understand it. At least a few of my old pale would be giving me airgm and a

as if it were just another day and I were making a routine visit. I left my susceed with the mosphonist

I squared my rhoulders as I walled beard hat deak. He looked up, smiled what he thought was his approxing artile, and offered me his-hand shock it, mithad donething, and sank into the worn did chair He said. Taoon is keeping the Hollman in the crude of

trade—and Captan Cummings will stay aboard. Your usual smooth efficient work. Capnain Schuater."

I felt completely flummoxed. "Then you're not sore about the interview I gave

"interview? What interview?" He raised his eyebrows and seemed genuinely surprised "No interview was reported—any-



When Dawson got back from his vacation in Fronds, he was feeling no befor He hach Lexpected a mindulous cure. In fact he hadn't expected anything. Now he sat morosely at his deak, staining out at the tower of the

Canadhers. Bis partner in the law firm outher signed to capacitio.

You look lousy Field. The remarked. "Why not go out and have a dink?"

"I don't werf a pink." Devero said. "Beactes, it a too early it as enough legic? in Florida."

"Maybe too much."

The What groed me was —I dunte "Great paychoses from little acoms grow" Carruthers said his plump pale face almost too casual

You could be You could be Give yourself time. Why this abnormal tear of psychologists account? I not psychologist your cone.

"What hap perver?"
"I'm point powery a list il dark women "Cemuthers said." Just the same psychiatry isn't in the same class with astrology. Maybe you be your greatmother when you were softed. Drags lock in the open. Actions as you keep thinking. "What tag teath you have." you'll owell in a moreas of mental mesors."

Tim not in a moress." Devision said. "It is just—
"feath Just—Listen district you go to college with a guy named Handiscks?"

I multiminishe sevator last week. He's moved here from Chloago. Got offices upstains, on the twesty-fits floor life's supposed to be one of the best psychatriats in this country. Why not go see him?

What could I say? Denson asked "I'm not followed by little green."

THE CURE

BY LEWIS PADGETT

PAINTING BY MICHEL HENRICOT

Um Wel-OK

twerty-five-forty," he called- and slammed Scowing Dawson located his hat left

short fat, cherutac men in breeds emergno from territe-five-forty. Mild blue gives

Hollo Fred "the man said. Doe t know.

tor after twenty-five years. I'm afraid. You look the same though Look I was set going down to your office. I didn't have a

I kept in touch Dawson said. Re-

You want a snap diagnosis? he asked You're worned about something. Do you

Each. The west part is that I know at the instantaneous I feel very certainly that

dosame?

a dream. And that really lim somewhere

Like the Red King? You think some "No I'm dreaming—this Dawson Viel Henricks and 'contably you

regresents. the whole structure collapses.

He knew he was lying close against it. his nose almost touching the glass.

breath, and the smothering. dreary, somehow brownish odor of dearl files. It was singularly borrid... 9

Yeah Desigon said. But there's some-"Tactile hallus export? What does it feel

Cold and hard. I don't know what it is !!! After a long moment, Davison said. No."

watch. Let's have a jury-ngged word-

To find out the payration of your rencleaning. If you clean a house regularly you

if a question of linding the cause. Once

dummy and it doesn't bother you arry

"I see." Dawson said slowly. "If I d been responsible for a mail a death years ago. I

Scroops is a beautiful case history Hal-

complex -- and atonement. He glanced at his watch "Ready?

But Hendricks only laughed Neural paralysis of the astral "he suggested." I m

Maybe So you we got a half-up natory day/freem cause you'll have nothing left to worry

Back in his office. Dawson shoot at the in a law firm, member of a dozen objos.

which would help him if the hallycrution

femad Hendricks remerks. Apperently as fairly safe. When he did dissociation believe they are acting rationally-and since so many basic motives are too lad through pages. "If I believed in this diearn,

was nothing tangetie about Dewicon and his fool's paradise and his dream only of

Dowson would nover suspect until that

proported no difficulties. Carrythers had

of their marriage. But he wasn't too guo-

The rest morning Carathers came in Often Dayson said Tim hearing one

But is Hendricks any good restly?" Dawson felt unreasonably impated. 'Do

Nothing much " Dawson didn't went to

matchintothe wastebaskut and strugged close in The morning surlight slenting through the window laded abruptly Linder

Yesh, Dawson said I didn't even

Dawson told him. It's like epitepsy I

You felt that hard obsect under your



Whee? I don't know Move that do

Not even if i well off is only south.

Not even if i well off is only.

Stay away from roofs for a while. Hendricks said. Once you find out the meaning of this aymbolism, you'll be cured.

And if I don't I'll get secondary delu-

Whild if I don't I'll get secondary asons."
"You we been reading up on it an? It If you show you've the notest man it world and you haven't got a done in

pooket how if you randhalize that?"
I don't know. Dawson said. "Maybe I'm
ecoertric."
Hendricks shook his head, his glump
cheeks bobbing. "No you'll develop tho

Herodysis shock has head his pluried received bottom, "The your closeling the legical distance"— a suppliermenting one-induced industrial end or grant great port to roll you on the vote of an organization of the young to cold your Castern Don't by to assign plony making as you castly wind opening. Don't service the property of the roll industrial shall be a compared subsidiary and the roll industrial shall be a compared subsidiary and the roll industrial shall be a compared subsidiary times have set to persecution you. With frost the roll received better the symbolisms and loss you when that granting the roll industry and you have frost the roll received your man of the same that granting the your hard profit post samely be passion.

O.K.* Davison seed "Ill move is IF I can

omerge instead he found hymself standing on a gibbet is rope about his neck. Hundhoke came nathing up waverig a sift paper roll bed with a bise ribbon "four-e hereleved." the psychiatrical should Hallis your partion signed by his Goverling.

pager roll bad with a bius ribbon. "flux rereprised." The psychiatrist shouted. Here's your parkon signed by the Covertiest by the coverror." Rechtsusthered ribbon shands. Open it "he ordered urgerity." Unde the ribbon. "Desson dieber ware to but Henribbon." Desson dieber ware to but Hentick kept inserting. He public of the vibcol. bon. Ae he cld. he see that it was ted to in

in the long cord that snaked across the platform in your and vanished from sight beheath it. A bob clicked the felt the trap door quiver under you I'm his feet. By pulling at the rebon he had opened the drop; he was falling.

opened the drop; he was taking to He woke up aweating. The room was to dark and stent. Curraing under his broath Dewson got up and took a cool shower He had not been that culture to the cool shower.

to had not had injitemanis for years ty. There were after that two more internt views with Hendincks. Each time the popis challed probed more deeply But the setion never alreed. Recognize the service?

chaffal probed more deeply But the in train never attend. Recognize the symbol Move your hand. Remember On the third day as Deason sativisting Hendrick's outer office, he remembered

over him. Desperately he tried to focus on the buildings outside the window. But he loudd not buttle the folial At the last moment. Hendindies advace occurred to him. and as he felt the colid hard object, under his pain he made a tremendous effort to intering custry furnecessor of despeit was faird to move But he strivered of the impulse down his arm, mo st tria, and the effort told. He felt som g click into place, and—and

The last thing be

"Wall therapy," a voice said. We pro-

that plague
Kanestly ran an eight-tingered hand over
he sweating, bask haud. The tests show

Thanni —

You wouldn't know of course if'd be imperceptible except by the instruments. But you need the therapy that s certain if can't spare the time. Devise and

I can't spare the time. Develop and the smplification formulas are just begining to like up. How long must list by in the orky??

That a year. Kerestly said "it doesn't

And Pharr worst in last month

He needed it

Damaso stared at the wall, made a mer

tal aignal and opaqueness laded to trans lucence and transparency. He could so the City.

Kerestly paid. You we never varieted befare. You re one of the youngest If soft bad. Its samulating cutative and necessary. That I feel normal.

"The mediens don't be The enotion factor is wrong Lasten to me. Dawrato I mis great deglicites then you and I ve boon in the vorky! twelve times."

Deserce stand: Where to?"

Different east each time. The one best fried for my particular warp. Once it was Brazil, in 1990. Another sine. Respondion London. And the Second Han Empre. I had perfectly to do I appent ben years in Brazil.

Rusber?
Karestly smiled: A substance—it was important at the firm: I kept busy its firm therapy in those days the only therapy thay knew morked painting construction—was and temptile not the empformal and

ssual and singible not the emotional and legishic therapy, we use. However their rands weren't developed."

These the idea of being shul up in a we-serised body." Dawsao san but wouldn't know any better. There's

the artificial innernanc angle. You lifeforce will take possession of the book it hat is created the you at the their appeals expositive choose and you it have a full set of take memories created expectably for that penind You'll probably begin as a child There may be temporal compression is you'll be added in the thirty or forty years in in

"Time travel." Kerestly said. Its the best



But - Dawage said But Crity four And unless we work fast-We senot immune. The whole trouble is

with the comary instricts. Overcomplica-

Old stuff " Dawage said "I know the We're aclying it." Karestly said. Slowly

That period's indicated in your case You'll be given a complete set of sufficial

you'll have no consciousness of reality. Of this malify. I spears " "Wot " Dawson saxt

ward the franaporter disk. The yorky/s Days no got you the case it closed be-

agents dusty plasapports that amelled of Somewhere light grew The distant wall

laded to transparency. He could see the f had changed it was older And a heaped pile of dust made a canopy alop-

He looked for the Administration Build

altered too A long time must have passed

He used his seventh sense of percep-

bon and his cuess was confirmed in wither And he could not breathe. That sufficial left in the sealed case was sapelly being

Dawsan moved his hand. The control

He was sitting in the psychiatrist's outer

You may go in now. My Dawson."

dricks sanctum He shook hands mut-

Am IP! Dawson said "Maybe I know Hendricks looked at him sherply. "Do

Maybert sn't a symbol at all Maybe it's a replicy Then the familiar sensation came back

about the danger of secondary delusions

therapy' insisted the hollow man DO

Pedget's byine from the pulp-megazine are of the lete prest Henry Kultner and his equally priest agrificant body of iterary works in the fantesy Ancer which of them wastr what The Cure one of





The speek selection of the speek selection of

beings who worship here



ORDERS OF MAGNITUDE

A survey of megastructures in the universe GG233 PAINTINGS BY JOHN HARRIS







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LOOK THROUGH THE WINDOWS OF TOMORROW









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